#### NATURAL GAS CORPORATION OF CALIFORNIA

85 South 200 East Vernal, Utah 84078 (801) 789-4573 December 17, 1981

Mr. E. W. Guynn Geological Survey-Conservation Div. 2000 Administration Bldg. 1745 West 1700 South Salt Lake City, UT 84104

Mr. Michael T. Minder
Department of Natural Resources
Division of Oil, Gas and Mining
4241 State Office Building
Salt Lake City, UT 84114



Re: NGC #23-23 Federal

NE SW Section 23, T9S, R17E Uintah County, Utah

Gentlemen:

Enclosed are the following documents relating to drilling the above referenced well:

- Application for Permit to Drill
- 2) Surveyor's Plat
- 3) Ten Point Plan
- 4) BOP and Pressure Containment Specifications
- 5) 13 Point Surface Use Plan
- 6) Topographic Maps

Should you require additional information, please contact this office.

Yours truly,

WM Ryon

Wm. A. Ryan Petroleum Engineer

/kh

Encls.

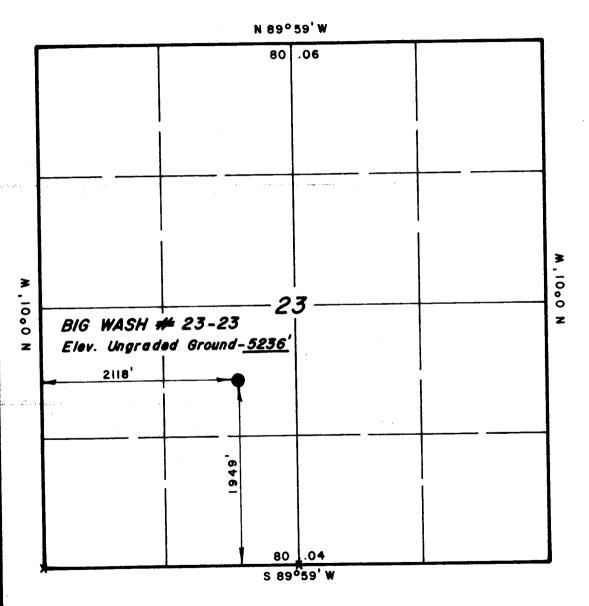
cc: Operations C. T. Clark E. R. Henry

Form approved. Budget Bureau No. 42-R1425.

### UNITED STATES

UNITED STATES	5. LEASE DESIGNATION AND SERIAL NO.
DEPARTMENT OF THE INTERIOR	U-17785
GEOLOGICAL SURVEY	
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BA	ACK
DRILL X DEEPEN DEEPEN PLUG BAC	
b. TYPE OF WELL SINGLE MULTIPL	, , , , , , , , , , , , , , , , , , , ,
OIL WELL OTHER ZONE 2001	Federal
Natural Gas Corporation of California	9. WELL NO. NGC #23-23 Federal
85 South 200 East, Vernal, UT 84078 Telephone 801-789	4573 10. FIELD AND FOOL, OR WILDCAT WILDCAT
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*) At surface 2118' FWL, 1949' FSL, Section 23, T.9S, R.17E, NE SW	11. SEC., T., E., M., OE BLE. AND SURVEY OR AREA
At proposed prod. zone	Section 23, T.9S, R.17E
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE®	Uintah Utah
18.2 miles south of Myton	17. NO. OF ACRES ASSIGNED
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST 522 ft 160	TO THIS WELL 40
(Also to nearest drig, unit line, if any)  19. PROPOSED DEPTH	20. ROTARY OR CABLE TOOLS
18. DISTANCE FROM TOUTOSE DO COMPLETED, TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  5706' When the complete of t	Rotary   22_APPROX. DATE WORK WILL START*
21. ELEVATIONS (Show whether DF, RT, GR, etc.)	- January 31, 1982
5236' GR	
23. PROPOSED CASING AND CEMENTING PROGRA	QUANTITY OF CEMENT
SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH	To surface
12-1/4 9-5/8 36#, K-55 500'	As required.
7-7/8 5-1/2 17#, N-80 TD	AS TEQUITES.
DIVISION OF OIL, GAS & MINING D  IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on sone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations	APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING ATE:  B LINE Y:  B LINE  B LINE
preventer program, if any.	
SIGNED WM Ryon TITLE Petroleum Engin	neer December 17, 130
(This space for Federal or State office use)	
(This space for Federal Or State	
PERMIT NO APPROVAL DATA	
APPROVED BY TITLE TOTALE	DALE

cc: USGS; Div. OG&M; Operations; ERHenry; CTClark



X = Section Corners Located

#### PROJECT

#### NATURAL GAS CORP OF CALIF.

Well location, BIG WASH # 23-23, located as shown in NE 1/4 SW 1/4, Section 23, T9S, R17E, S.L.B.&M. Uintah County, Utah.

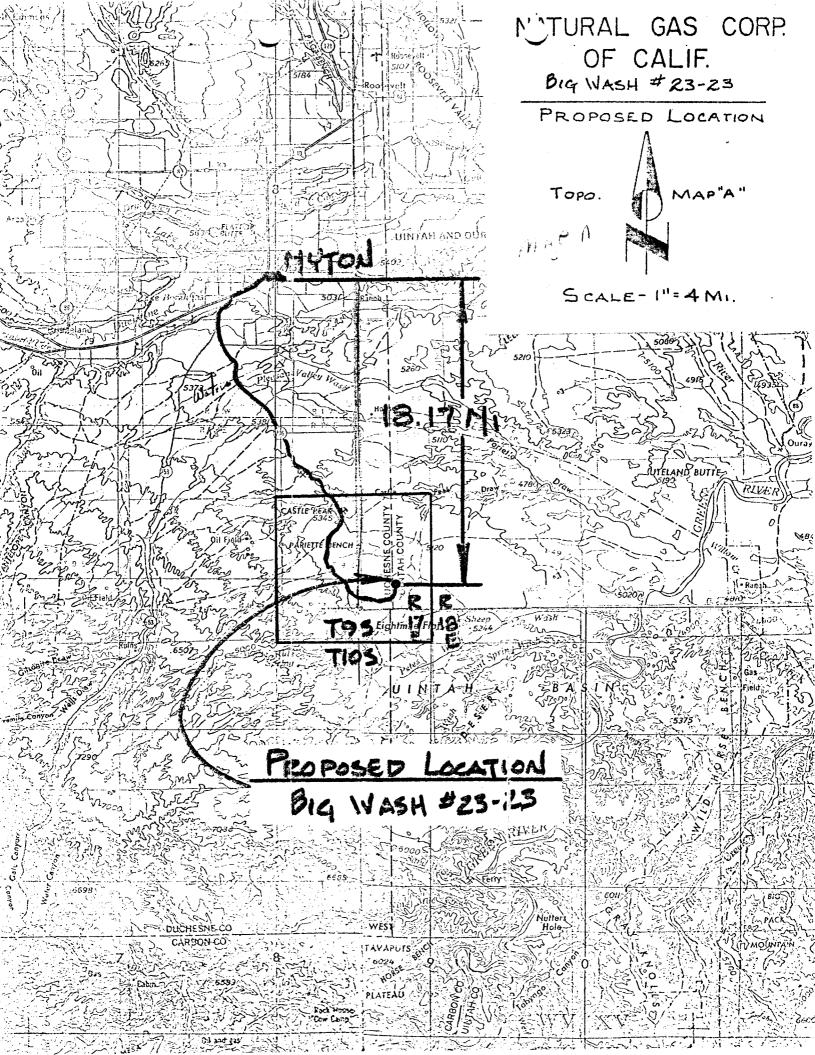


THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE PROE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR REGISTRATION № 3137 STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX Q — 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

* LKKAL	, Other others
SCALE  " = 1000'	DATE 12/8/81
PARTY RK, BK	REFERENCES GLO PLAT
WEATHER CLEAR/COOL	FILE N.G.C.



# 10 Point Plan Big Wash Prospect NGC #23-23 Federal Section 23, T9S, R17E Uintah County, Utah

- 1. Surface formation: Uintah.
- 2. Estimated Formation Tops and Datum:

<u>Formation</u>	<u>Depth</u>	Datum
Uintah Green River Parachute Creek (H) Garden Gulch (I) Zone (J) Zone (K) Douglas Creek (N) Black Shale Tgr Datum Wasatch	Surface 1692' 2891' 4089' 4262' 4657' 4857' 4916' 5436'	5236' 3544' 2345' 1147' 974' 579' 379' 320' -200'
T.D.	5706'	-470'

- 3. Producing Formation Depth: 5440' 5635'
- 4. Proposed Casing Program:

Hole Size	<u>Casing Size</u>	Weight/ft.	<u>Setting Depth</u>	Cement	Casing
12-1/4	9-5/8	36#, K-55	500'	To Surface	New
7-7/8	5-1/2	17#, N-80	TD	As Required	New

- 5. A 3000 psi WP BOP system as described in the BOP and Pressure Containment Data (attached) will be installed and maintained from under the 9-5/8" surface casing. BOP system including the casing will be pressure tested to a minimum of 3000 psi for 30 mins. prior to drilling and will be mechanically checked daily during drilling operations.
- 6. Mud Program:

Interval	Mud Weight _lbs/gal	Viscosity Sec/Qt	Fluid Loss ML/30 mins.	Mud Type
0-500	Clear Water		No Control	Water/Gel
500-TD	9.5	35	10cc or less	Brine

- 7. Auxiliary Equipment: Upper kelly cock, full opening stabbing valve, 2½" choke manifold, and pit level indicator.
- 8. Testing, Coring, Sampleing and Logging:
  - (a) Testing: Drill stem tests may be conducted at the discretion of the well site geologist.
  - (b) Coring: Two cores at 4568' and 4720'.
  - (c) Sampling: Cutting samples will be collected by the drilling contractor at 30' intervals from surface to Green River and 10' samples from Green River to T.D.

10 Point Plan NGC #23-23 Federal Page 2

8. (d) Logging:

Type

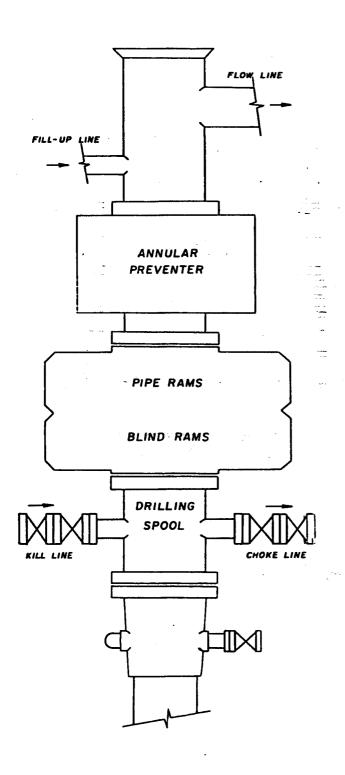
DI-SFL/GR and S.P.
FDC-CNL/GR and F-Log Overlay
BHC Sonic/GR and Caliper
Temp Survey to be run with each log.

- 9. Abnormalities: No abnormal temperatures, pressures, or other potential hazards are anticipated.
- 10. Drilling Schedule: Anticipated starting date Jan. 31, 1982. Duration of operations 30 days.

## NATURAL GAS CORPORATION OF CALIFORNIA

#### BOP AND PRESSURE CONTAINMENT DATA

NGC #23-23 Federal NE SW Section 23, T9S, R17E Uintah County, Utah



- BOP equip shall consist of a double gate, hydraulically operated preventer with pipe & blind rams or two single ram type preventers, one equipped w/pipe rams, the other w/blind rams.
- 2. BOP's are to be well braced w/ hand controls extended clear of substructure.
- 3. Accumulator to provide closing pressure in excess of that required w/sufficient volume to operate all components.
- Auxiliary equipment: Lower kelly cock, full opening stabbing valve, 2½" choke manifold, pit level indicator &/or flow sensors w/alarms.
- 5. All BOP equipment, auxiliary equipment stand pipe & valves & rotary hose to be tested to the rate pressure of the BOP's at time of installation & every 30 days thereafter. BOP's to be mechanically checked daily.
- Modification of hook-up or testing procedure must be approved in writing on tour reports by wellsite representative.

## NATURAL GAS CORPORATION OF CALIFORNIA 13 Point Surface Use Plan

for

Well Location -

NGC #23-23 Federal

Located in

Section 23, T9S, R17E

#### 1. EXISTING ROADS

See attached topographic map A.

To reach NGC Well #23-23 proceed west from Myton, Utah along U.S. Highway 40 for 1.5 miles to its junction with U.S. Highway 53. Proceed south 2 miles to its junction with county road 216; follow this road south and east approximately 10.5 miles, then proceed south 4.5 miles. At this point the planned access road will start.

At the present time, no construction is anticipated along any portion of the described road.

#### 2. PLANNED ACCESS ROAD

See attached topographic map B.

The proposed access road will follow an existing two track for 1.48 miles, then turn north for .5 miles.

The access road will be constructed to the following standards:

- 1) Width The running surface will be 18 feet and the total disturbance width including the ditches will not exceed 30 feet.
- 2) Maximum grade 3%.
- 3) Turnouts None.
- 4) Drainage designs Ditches will be constructed on each side of the road, Y-shaped, I foot deep at 3:1 slopes. See typical road cross section.
- 5) Location and size of culverts, major cuts and fills No culverts are planned for but two or three low water corssings are planned.
- 6) Surfacing materials None.
- 7) Gates, cattleguards, or fence cuts None.
- 8) The proposed road has been flagged.

#### 3. LOCATION OF EXISTING WELLS

The following wells are located within a 1 mile radius of the location site.

- 1) Water Wells None.
- 2) Abandoned Wells None.
- 3) Temporarily Abandoned Wells None.

- 4) Disposal Wells None.
- 5) Drilling Wells None.
- 6) Producing Wells None.
- 7) Shut-in Wells None.
- 8) Injection Wells None.
- 9) Monitoring or observation wells for other resources None.

#### 4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

- A. (1) Tank batteries none.
  - (2) Production facilities none.
  - (3) Oil gathering lines none.
  - (4) Gas gathering lines -- none. -
- B. (1) In the event production is established, plans for a gas pipeline from this location to the existing gathering lines will be submitted under an amendment to this plan for approval. All petroleum production facilities are to be contained within the proposed location site. In the event that production of oil from this well is established, a berm will be constructed around the tank battery large enough to contain the contents of tanks.
  - (2) Construction methods and materials Production facilities will be placed on the proposed pad. Construction materials will come from the unused portion of the pad.
  - (3) Livestock and wildlife protection The evaporation pond will be fenced on all four sides and overhead wire with flagging installed, if there is oil in the pit.
- C. The rehabilitation of disturbed areas no longer required for the production of this well will be completed by backfilling, recontouring, top-soiling and seeding.

#### 5. LOCATION AND TYPE OF WATER SUPPLY

See attached topographic map A.

Natural Gas Corporation of California has made an agreement with Matador Trucking to supply water from a leased source in Pleasant Valley.

#### 6. SOURCE OF CONSTRUCTION METHODS

All construction materials for this location site and access road will be borrow materials, accumulated during construction of the location site. No additional road gravels or pit lining material from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

#### 7. METHODS FOR HANDLING WASTE DISPOSAL

1) Cuttings, drilling fluids and produced fluids - A reserve pit will be constructed. The reserve pit will be approximately 10' deep and at least one-half of this depth shall be below the surface of the existing ground.

One-half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one-half will be used to store nonflammable materials such as cuttings, salts, drilling fluids, chemicals, produced fluids, etc.

Prior to the onset of drilling, a "stock tight" fence shall be installed on three sides of the reserve pit. This fence will be either (1) woven wire at least 28 inches high and within 4 inches of ground surface with two strands of barbed wire above the woven wire with 10-inch spacing, or, (2) at least five strands of barbed wire spaced, starting from the ground, at approximately 6-, 8-, 10-, 12-, and 12-inch intervals. At the completion of drilling operations, the fourth side of the reserve pit will be fenced and allowed to dry completely before the pit is backfilled. If there is oil on the pits, overhead wire and flagging will be installed on the pits.

If deemed necessary by the agencies concerned to prevent contamination to surrounding areas, the reserve pit will be lined with a gel.

- 2) Sewage A portable chemical toilet will be supplied for human waste.
- 3) Garbage Trash cages will be on all locations and all trash will be removed to an authorized landfill.
- 4) Site Clean-up Immediately after the rig is moved out, the area around the well site will be cleaned and all refuse placed in the burn pit.

#### 8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

#### 9. WELL SITE LAYOUT

See typical rig layout.

#### 10. PLANS FOR RESTORATION OF THE SURFACE

Prior to construction of the location, the top 6 inches of soil material will be stripped and stockpiled. This will amount to approximately 1400 cubic yards of material that will be stockpiled.

If the well is producing, the platform and pit areas no longer required for the production of the well will be backfilled, recontoured, topsoiled and seeded.

If the well is abandoned, the entire disturbed area (including roads) will be restored by: (1) backfilling; (2) recontouring; (3) topsoiling; (4) seeding. Specifically: the platform highwall(s) and road fill(s) will be eliminated by moving all excavated material back in place. Restoration of the location and access road will begin within 90 days after completion of the well. The BLM representative will be notified prior to starting the rehabilitation operations.

The following seed mixture and methods for seeding will be used:

The seed mixture will be: Determined by the Bureau of Land Management at the time of abandonment.

Seed will be planted after September 1 and prior to ground frost; or seed will be planted after the frost has left and before May 15. All seed will be drilled on the contour at a depth of  $\frac{1}{4}$  to  $\frac{1}{2}$  inch. Slopes too steep or rocky for machinery will be broadcast and the seed hand raked into the soil. When broadcasting the seed; the rate per acre will be doubled.

The Lessee further covenants and agrees that all of said clean-up and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

#### 11. OTHER INFORMATION

- 1) The soil is a light sandy clay and rock. The vegetation cover is 5-10% with the majority made up of sage brush.
- 2) The surface is owned by the Federal government and administered by the Bureau of Land Management.
- 3) There are no occupied dwellings or other facilities including archaeological, historical, or cultural sites near the proposed location. The nearest live water is the White River, 6 miles to the southeast.

#### 12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

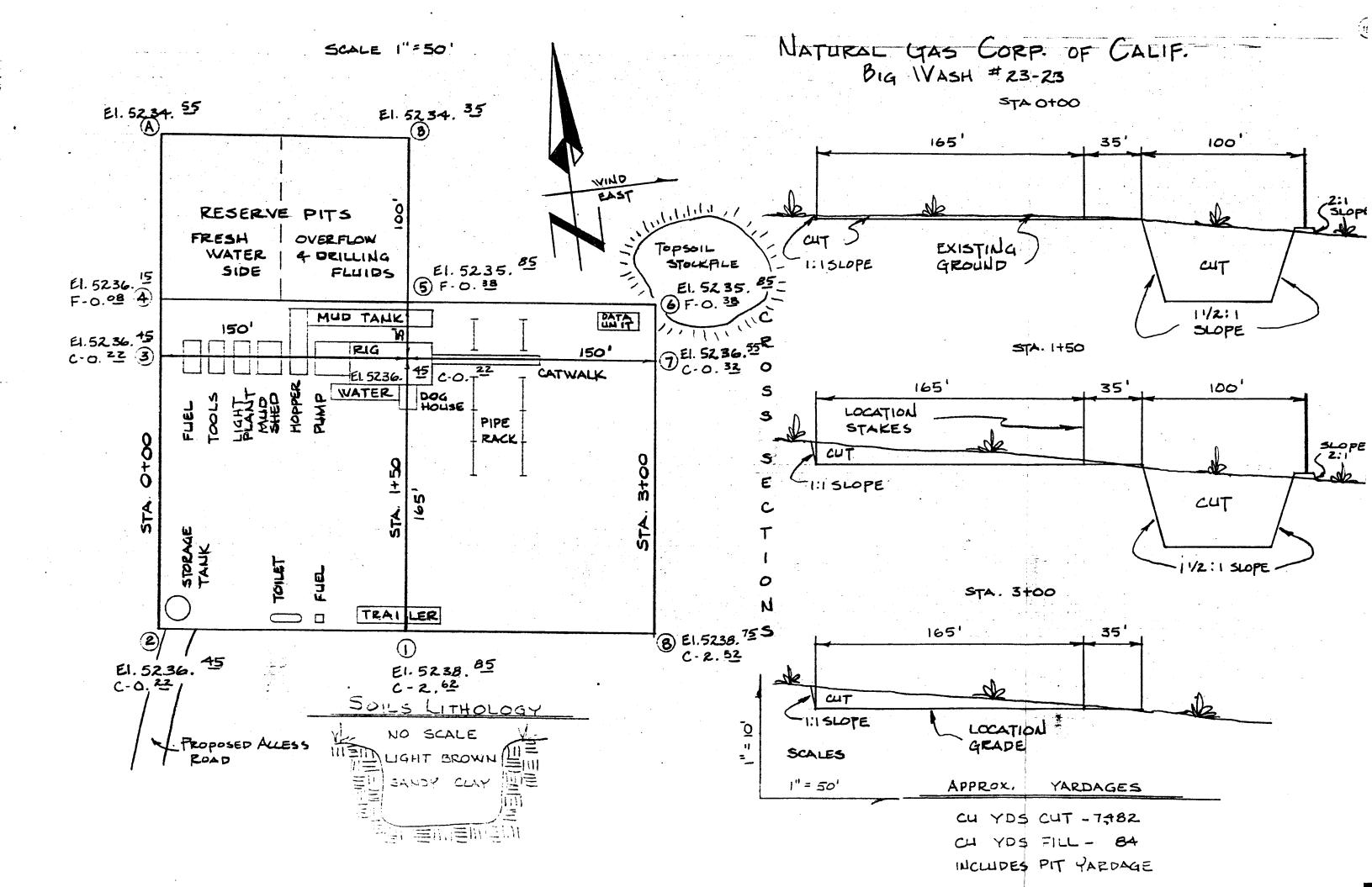
Natural Gas Corporation of California 85 South 200 East Vernal, UT 84078 Attn: William A. Ryan

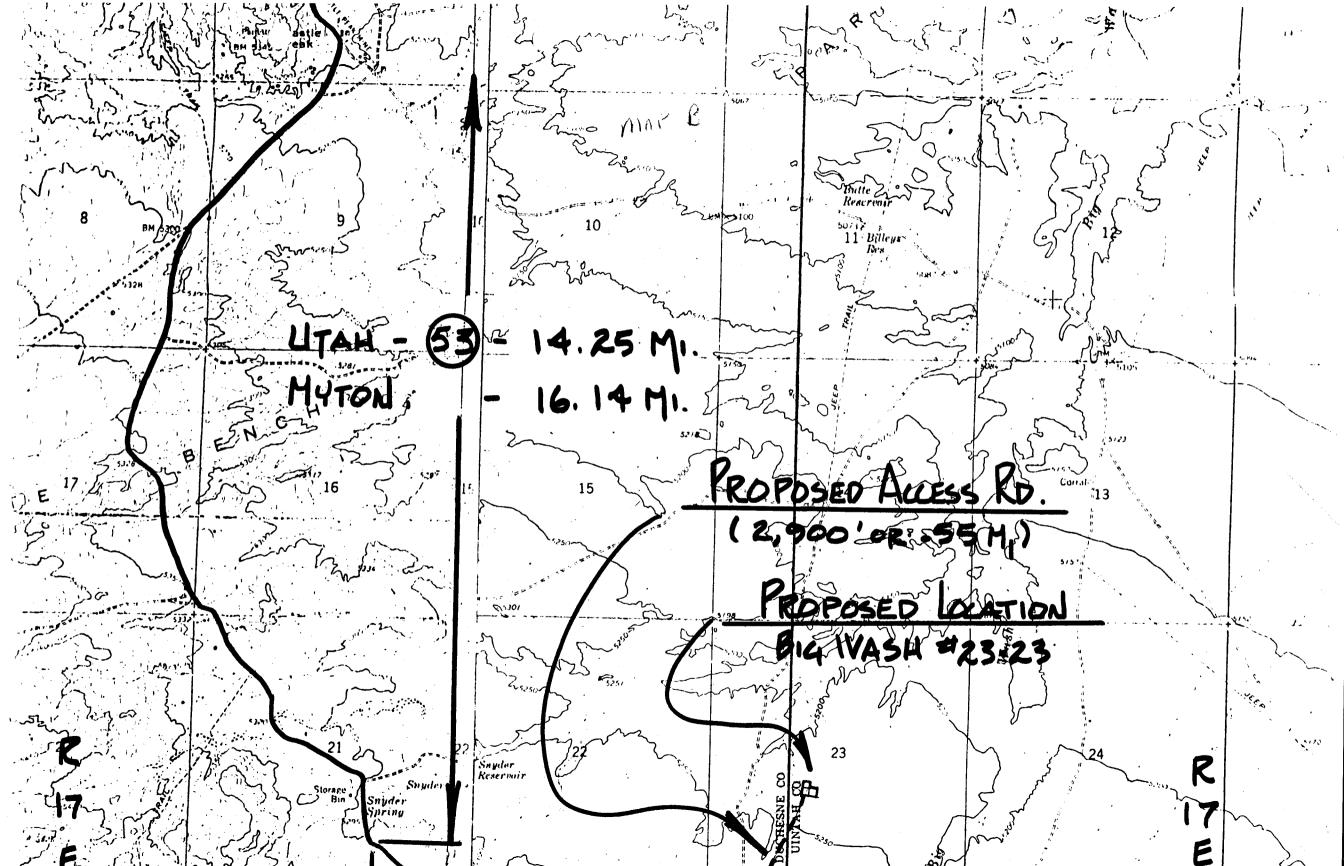
Telephone: (801) 789-4573

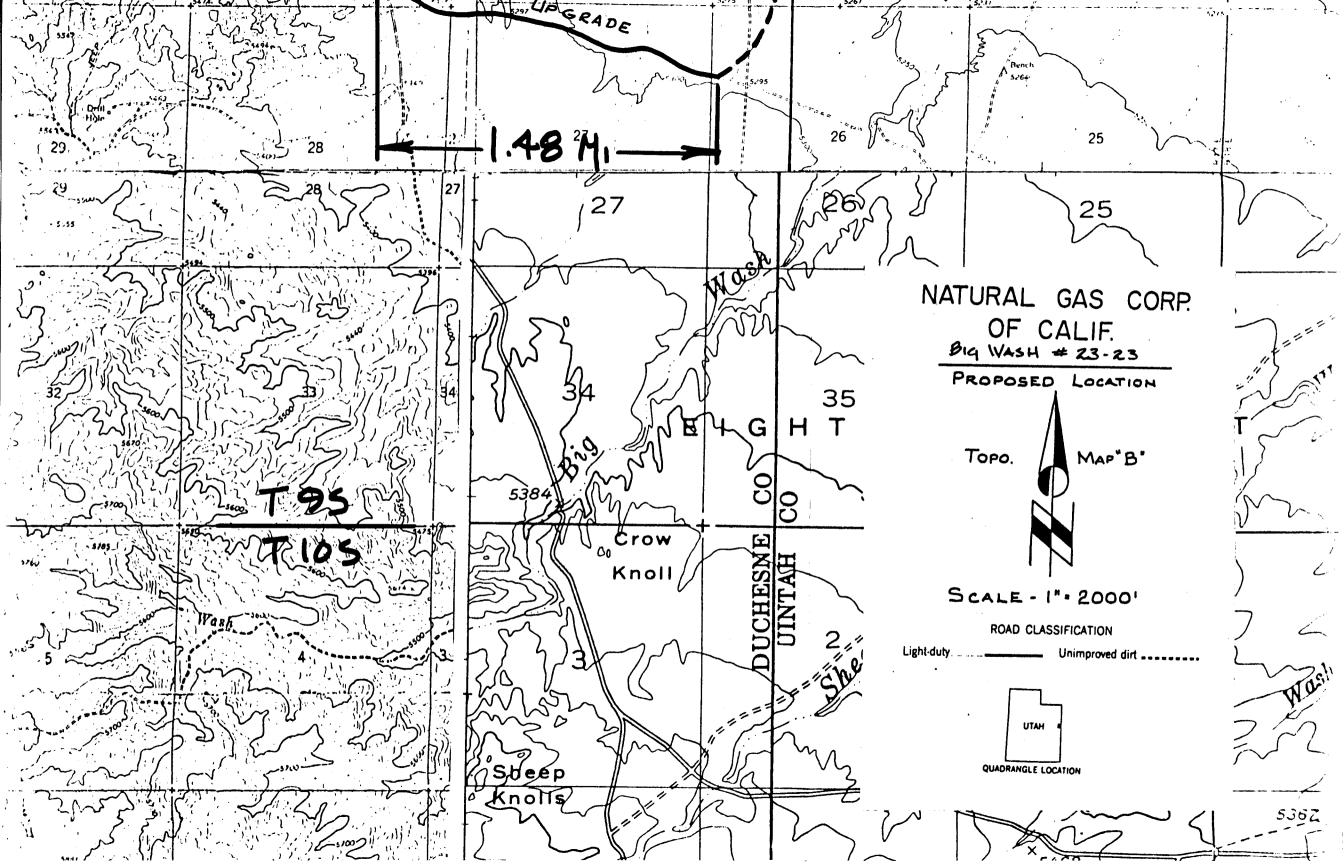
#### 13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge and belief, true and correct; and that the work associated with the operations proposed herein will be performed by Natural Gas Corporation of California and its contractors in conformity with this plan and terms and conditions with this plan and the terms and conditions under which it is approved.

12-15-81	William a Ryan
Date	William A. Ryan, Petroleum Engineer







#### SUBMIT IN TRIPLICATE (Other instructions on

Form approved. Budget Bureau No. 42-R1425.

#### **UNITED STATES** reverse side)

DEPARTMENT OF THE INTERIOR 5. LEASE DESIGNATION AND SERIAL NO. U-17785 **GEOLOGICAL SURVEY** 6. IF INDIAN, ALLOTTER OR TRIBE NAME APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK 1a. TYPE OF WORK 7. UNIT AGREEMENT NAME PLUG BACK DEEPEN [ DRILL X b. TYPE OF WELL MULTIPLE ZONE SINGLE ZONE 8. FARM OR LEASE NAME WELL WELL X Federal 2 NAME OF OPERATOR 9. WELL NO. Natural Gas Corporation of California NGC #23-23 Federal 3. ADDRESS OF OPERATOR 10. FIELD AND POOL, OR WILDCAT Telephone 801-789-4573 85 South 200 East, Vernal, UT 84078 Wildcat 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*) At surface SEC., T., R., M., OR BLK. AND SURVEY OR AREA 2118' FWL, 1949' FSL, Section 23, T.9S, R.17E, NE SW At proposed prod. zone Section 23, T.9S, R.17E 12. COUNTY OR PARISH | 13. STATE 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\* 18.2 miles south of Myton Utah Uintah 17. NO. OF ACRES ASSIGNED 15. DISTANCE FROM PROPUSED\* 16. NO. OF ACRES IN LEASE TO THIS WELL LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 40 522 ft. 1.60 19. PROPOSED DEPTH 20. ROTARY OR CABLE TOOLS 18. DISTANCE FROM PROPOSED LOCATION® TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 5706 Rotary 22. APPROX. DATE WORK WILL START\* 21. ELEVATIONS (Show whether DF, RT, GR, etc.) January 31, 1982 5236' GR PROPOSED CASING AND CEMENTING PROGRAM QUANTITY OF CEMENT SETTING DEPTH WEIGHT PER FOOT SIZE OF HOLE SIZE OF CASING 500' To surface 12-1/4 9-5/8 36#, K-55 As required 17#**,** N-80 TD 5-1/2 7-7/8 Operator proposes to drill a development well to 5706' feet. For additional details see attached sheets. IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any. 00 59 24. DATE December 17, 1981 Petroleum Engineer Ryan (This space for Federal or State office use) APPROVAL DATE APPROVED BY (Orig. Sgd.) A. M. RAFFOUL E. W. GUYNN DISTRICT OIL & GAS SUPERVISOR TITLE CONDITIONS PETPOLOUP Engineer

TO OPERATOR'S COPY

USGS; Div. OG&M; Operations; ERHenry; CTClark
CONDITIONS OF APPROVAL ATTACHED NOTICE OF APPROVAL

FLARING OR VENTING OF GAS IS SUBJECT TO NTL 4-A **DATED 1/1/80** 

United States Department of the Interior
Geological Survey
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, Utah 84104

### NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICA	TION
PROJECT IDENTITION	c a lifernia
Operator <u>Natura</u>	l Gas Corporation of California
Project TypeOil	Well 95 R. 17E
Project Location _	2118' FWL & 1949' FSL - Sec. 23, T. 9S, R. 17E
Well No. 23-23	Lease No. <u>U-17785</u>
Date Project Submi	tted December 21, 1981
FIELD INSPECTION	Date January 8, 1982
Field Inspection Participants	Greg Darlington - USGS, Vernal
-	Gary Slagel - BLM, Vernal
\ -	Rick Canterbury - Natural Gas Corporation
	Leonard Heeney - Ross Construction
·_	
Related Environment	al Documents: Unit Resource Analysis, Duchesne Planning
Unit, BLM, Ver	nalnal
guidelines. This property fore, does not repr	proposal in accordance with the categorical exclusion review proposal would not involve any significant effects and, there-esent an exception to the categorical exclusions.  282  Digny Dalington  Environmental Scientist
January 14, 1. Date Pre	pared Environmental Scientist
I concur	1/82 Celling District Supervisor
Dat	ę ,

Typing Out

#### PROPOSED ACTIONS:

Natural Gas Corporation plans to drill the NGC #23-23 well, a 5706' oil test with an anticipated production interval at 5440' to 5635'. About 2000' of new access road will be required to reach the location. A pad 200' x 300' and a reserve pit 100' x 150' are planned for the location.

#### RECOMMENDED APPROVAL CONDITIONS:

The operator agrees to accept and adhere to the following conditions in addition to the plans outlined in the APD:

- 1. BLM stipulations;
- 2. lease stipulations; and
- 3. provide adequate logs for the identification of other minerals as requested in the Mineral Evaluation Report and Mining Report.



North View NGC 23-23

1-8-1986

#### FIELD NOTES SHEET

Date of Field Inspection: January 8, 1982
Well No.: 23-23
12201
Lease No.:
A serve Legation:
Approve Location:
Approve Access Road:
me I be fort nortion
Modify Location or Access Road: Minor change to keep short portion
of access road along a relector out of a drainage.
of access now me my a surgery
Evaluation of Criteria for Categorical Exclusion
Evaluation of officers and officers
1. Public Health and Safety
2. Unique Characteristics
3. Environmentally Controversial Items
4. Uncertain and Unknown Risks
5. Establishes Precedents
6. Cumulatively Significant
7. National Register Historic Places
8. Endangered/Threatened Species
9. Violate Federal, State, Local, or Tribal Laws
lf this project is not eligible for Categorical Exclusion circle the numbers of
the above criteria requiring the preparation of an EA.
e de la companya de La companya de la co
Comments and special conditions of approval discussed at onsite: (include local
a & t ! I t was a select the mark and
topography) Designatur of operator was recented of 1946 to 1960
is being forwarded to & C with CER. Dood Plan
topography) Designation of operator was received at the oracle and is being forwarded to & C with CER. Dood Plan first onsite of the new year Lease Expires 1-31-82
1-31-82
rease Expires 1-102
•

#### CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria 516 DM 2.3.A	Feder Corre- spondence (date)	Phone check (date)	Meeting (date)	Local and private corre- spondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
Public health and safety							1,2,4,6	1-8-1982	<u> </u>
Unique characteristics							1,2,4,6		•
Environmentally controversial							1,2,4,6		
Uncertain and unknown risks							1,2,4,6		
Establishes precedents							1,2,4,6		
Cumulatively significant				·		·	1,2,4,6		
National Register /		·					1,6		
Endangered/ threatened species							1,6		
Violate Federal, State, local, tribal low							1,2,4,6		

## CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

- Surface Management Agency Input
- Reviews Reports, or information received from Geological Survey (Conservation Division, Geological Division, Water Resource Division, Topographic Division)
- Lease Stipulations/Terms
- Application Permit to Drill 4.
- Operator Correspondence
- Field Observation 6.
- Private Rehabilitation Agreement
- Onsite Requirements Other than the Items 1.- 7. 8.

- 0: 700, A**re**a

VERNAL DISTRICT OFFICE 170 South 500 East Vernal, Utah 84078

January 12, 1982

Ed Guynn, District Engineer USGS, Conservation Division 2000 Administration Building 1745 West 1700 South Salt Lake City, Utah 84104

in lease I blesson is

total tell of the trade in a little

ใหม่เสมอัก**อกการ** จำกับ ค.ศ.

signa della di un dee e m

Re: Joint Onsite Inspection
Natural Gas of California
T9S, R17E, Section 23 #23-23

#### Dear Mr. Guynn:

age of the

Control of the second

On January 8, 1982, a joint onsite inspection was made of the above referenced well site locations and proposed access roads by people representing NGC, Ross Construction, USGS, and the BLM. We feel that the surface use and operating plans are adequate with the following stipulations:

- Construction and maintenance of roads, rehabilitation of disturbed areas, and construction of pipeline routes shall be in accordance with surface use standards as set forth in the booklet, "Surface Operating Standards for Oil and Gas Exploration and Development."
- 2. The maximum width of access roads will be 30 feet total disturbed area. Turnouts will not be required and traveling off the right-of-way will not be allowed.
- 3. Topsoil will be stockpiled as addressed in the applicants 13 point plan. Our office recommends the top 6-10 inches of soil materials be stockpiled.
- 4. The BLM will be notified at least 24 hours prior to any construction
- 5. The BLM will be notified at least 24 hours prior to any rehabilitation.
- 6. A burn pit will not be constructed. There will be no burying of garbage or trash at the location. All trash must be contained and hauled to an approved disposal site.
- 7. All permanent (on site for six (6) months duration or longer) structures constructed or installed shall be painted a flat (non-reflective) earth tone color to match Themec 23-08351 Mesa Brown Enduratione or an approved equal. Facilities that are required to comply with O.S.H.A. (Occupational Safety and Health Act) standards are excluded.

An archaeological clearance has been conducted by Utah Archaeological Research Corporation of the proposed drill sites and access roads. No cultural materials were located on the surface of the survey areas.

The proposed activities do not jeopardize listed, threatened, or endangered flora/fauna and their habitats.

Sincerely,

Ralph Heft

Area Manager

Diamond Mountain Resource Area

Ed Assert, Description 1992S, Contemporario 1793 Pest 1972 Selt Late Co. USGS, Vernal

GSlagel/lc

Jetat Instru

170

termal days

795, Billey 200

#### \*\* FILE NOTATIONS \*\*

DATE: 1-6-8-1	
OPERATOR: Natural Sas Con	Ø,
WELL NO: NGC # 23-23 Fede	ind
Location: Sec. <u>23</u> T. <u>95</u> R.	17E County: Winted
File Prepared: En	tered on N.I.D:
Card Indexed: Co	mpletion Sheet:
API Number <u>43</u>	-047-31169
CHECKED BY:	
Petroleum Engineer:	
Director: ok us fin mle c.	3
Administrative Aide: Ne pw r	ule C.3
APPROVAL LETTER:	
Bond Required:	Survey Plat Required:
Order No.	0.K. Rule C-3
Rule C-3(c), Topographic Exception - within a 660' radius of	company owns or controls acreage proposed site
Lease Designation [#ed]	Plotted on Map
Approval Letter	written /
Hot Line P.I.	<del></del>

#### January 19, 1982

Natural Gas Corporation of California 85 South 200 East Vernal, Utah 84078

Re: Well No. NGC #23-23 Federal Sec. 23, T. 9S, R. 17E Uintah County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immedeately notify the following:

CLEON B. FEIGHT - Director

Office: 533-5771 Home: 466-4455

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (acquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-047-31169.

Sincerely,

DIVISION OF OIL, GAS AND MINING

College R Gergher

Cleon B. Feight

Director

CBF/as Encl. cc: BSGS

DEPARTMENT OF THE INTERIOR	<b>1.17785</b>
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
GEOLOGICAL SURVEY	Esta a
CHARTY MOTIOTO AND DEPORTS ON WELLS	7. UNIT AGREEMENT NAME & 3 0 5
SUNDRY NOTICES AND REPORTS ON WELLS	the tree care
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)	8, FARM OR LEASE NAME Federal
1. oil gas other	9. WELL NO.
2. NAME OF OPERATOR	23-23
Natural Gas Corporation of California	10. FIELD OR WILDCAT NAME
3. ADDRESS OF OPERATOR Telephone 801-789-4573	Wildcat
85 South 200 East, Vernal, UT 84078	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	Section 23, T.9S, R.17E
AT SURFACE: 2118' FWL, 1949' FSL, Section 23,	12. COUNTY OR PARISH 13. STATE
AT TOP PROD. INTERVAL: NE SW T.9S, R.17E	Uintah Sala Sutah S
AT TOTAL DEPTH:	14. API NO. 5. 19 19 19 19 19 19 19 19 19 19 19 19 19
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	<u> 43-047-31169학의 등 등본구교</u>
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD)
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	5236' GR 282 2 888
	Jioque de
TEST WATER SHUT-OFF	Re yes Be yes Bods Bods Bods Bods Anous Instia
SHOOT OR ACIDIZE	
REPAIR WELL	(NOTE: Report results of multiple completion or zone change on Form 9–330.)
PULL OR ALTER CASING U	change on Form. 9—330.) by the best of the
MULTIPLE COMPLETE	Both to blue to the control of the c
ABANDON* (other) Report of Spud	Trayona Trayona Trayona Trayona Trayona Trayona Trayona Trayona Trayona
(other) Report of Spud	
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly stat including estimated date of starting any proposed work. If well is d measured and true vertical depths for all markers and zones pertiner.  This well was spudded January 28, 1982 at 3 per control of the start of the st	in the this work.)* See the se
12½" hole will be drilled to 500 feet and 9-5	illing rig moved in a special
digger will be moved off and the Olsen #2 dri	5 7 TO 7 O 7 TEN
A signed affidavit verifying the January 31,	1982 drill over date will be
forthcoming.	real gnithmdalege of the constant of the const
Tot theoming.	Fig. 3 Fibration of the first
	gnithimula well. As well. As well. As well. As wolsd o wolsd as a character with the political and a character with the character with the political and a character with the character with the character with the character with
	himd /81 k /2ffoi /2ffo
	ndus Lissa solita solita ancilia no la la la la la la la la la la la la la l
	그림
Subsurface Safety Valve: Manu. and Type	Set @ Ft.
	是中国集新 (1) 表 (1) 基基基
18. I hereby certify that the foregoing is true and correct	7.00.7000
SIGNED W Kyan TITLE Petroleum En	gr. January 29, 1982
William A. Ryan	(Fire use)
(This space for Federal or State of	mos use/
	- <b>등</b> 문항 전문항품 : : :
APPROVED BY TITLE	DATE
CONDITIONS OF APPROVAL IF ANY:	DATE
	DATE

NOTICE OF SPUD
Company: Dalmal Das Corp
Caller: Bill Rejan.
Phone:
Well Number: NGC #23-23
Location: NESW 23-95-17E
County: Untak State: Utak
Lease Number: U-17785
Lease Expiration Date: $1-31-82$
Unit Name (If Applicable):
Date & Time Spudded: 1-28-82 300 p.m
Ory Hole Spudder Rotary: Loon Ross Onla
Details of Spud (Hole, Casing, Cement, etc.) 12/4 hole
Net 95/8" cc to 500'
Rotary Rig Name & Number: Olsen # 2
Approximate Date Rotary Moves In: 2-8-82
TOLLOW WITH SUMPRY NOTICE
FOLLOW WITH SUNDRY NOTICE
Call Received By:
1-29-82

\*1 **•** 

#### NATURAL GAS CORPORATION OF CALIFORNIA

85 South 200 East Vernal, Utah 84078 (801) 789-4573 February 3, 1982

Mr. E. W. Guynn Geological Survey-Conservation Div. 2000 Administration Bldg. 1745 West 1700 South Salt Lake City, UT 84104

Mr. Michael T. Minder
Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, UT 84114

Mr. Sam Boltz, Jr. Chorney Oil Company 1860 Lincoln, Suite 401 Denver, CO 80295 Cotton Petroleum Corporation 717 17th Street, Suite 2200 Denver, CO 80202

Mr. Bob Gilmore DeGolyer & MacNaughton No. 1 Energy Square Dallas, TX 75206

Re: NGC #23-23 Federal

NE SW Section 23, T.9S, R.17E

Uintah County, Utah Pleasant Valley Prospect

#### Gentlemen:

Attached are copies of Form 9-331, Sundry Notices and Reports on Wells, Subsequent Report of Spud Date - Drilling Over Statement, for the above referenced well.

Yours truly,

William A. Ryan Petroleum Engineer

Wm Ryan

/kh

Attachments

cc: Operations C. T. Clark

E. R. Henry S. Furtado REGETVED FEB 05 1982

> DIVISION OF OIL, GAS & MINING

orm 9–331		/ · ·					Form Ap		o. 42-R14	24
Dec. 1973	UNITE	D STATI	ES	Г	5.	LEASE	5 6 6 #	<u>5</u>	3 = 1,	_
,	DEPARTMENT	ŕ				U-17785		<u>~</u>	÷ 2 5	
L.		ICAL SU		-			ALLOTTEE OF	RTRIBE	NAME	
	GEOLOG	ICAL SUI	KAEI					ို့်		
SUNDRY	NOTICES A	ND REI	PORTS ON W	ELLS	7,	UNIT AGRE	EMENT NAM	E &	51c	_
o not use this for	rm for proposals to	drill or to d	eepen or plug back to	a different _			<u> </u>	<del></del>	<u>- 6 9.</u>	
eservoir, Use Form	9-331-C for such p	oroposals.)			8.	FARM OR L Federal	EASE NAME	9	크등토	
1. oil KX	gas o	ther			9.	WELL NO.		<u></u>	5 H gr	_
2. NAME OF C	PERATOR			_		23-23		<u> </u>	्रेक्ट वर्षा	
Natural	Gas Corpora	tion of	<u>f California</u>		10.		VILDCAT NAM	ΛE∰	Ponty Trans	
	F OPERATOR T			4573	13	Wildcat				<del></del>
85 South	200 East,	Vernal	, UT 84078		11.		., M., OR BL	(. AND	SURVEY	OR
4. LOCATION ( below.)	OF WELL (REPO	è	ON CLEARLY. See		1	AREA Section	23. T.99	, R.	17E, <	_
AT SURFAC	E: 2118' FWL	, 1949	' FSL, Sec. 2	3, T.9S	, 12.	COUNTY O	R PARISH 1	3. STĄ	TE & 5	
• • • • • • • • • • • • • • • • • • • •	OD. INTERVAL:	R.1	7E, NE-SW			<u> Uintah</u>	<u>= % 6.4</u>	Uta	ne – ¤	
AT TOTAL D					14.	API NO.	25.00	≥. 3	tine basi	
			CATE NATURE OF	NOTICE,	- ! }	43-047-				
REPORT, O	R OTHER DATA				15.		NS (SHOW D	F, KDE	SAND V	VU)
EQUEST FOR	APPROVAL TO:	SU	BSEQUENT REPOR	RT OF:	1 1	5236' G	K & Y - F	<u>,                                    </u>	7 21 0 C	_
EST WATER S	. —	. :			, <del>(</del>		ಕ್ಟ್ರಕ್ಷ ಕ್ಷ	<u> </u>		
RACTURE TRE					, i		ntope emen suner		siqo Ya	
SHOOT OR ACI	DIZE 🔲				-		4	bluor	one one	
REPAIR WELL			닏		(1)	IOTE: Report	results of multi on Form 9–33	ple com	oletion or	zon
PULL OR ALTE MULTIPLE COM			님		7	: :		เกล	encite best	
CHANGE ZONES			H		ty J	<u>.</u>	일본값은	- ·	<b>→ E 76</b> 77	
ABANDON*	$\Box$		d		1	Ě	lu orle do ita orlado orlado	6		
(other <u>)</u> Dri	lling over	<u>stateme</u>	<u>nt                                    </u>			<b>-</b>	# # # # # # # # # # # # # # # # # # #	2 1		,
including e measured a	stimated date of and true vertical	starting a depths for	ED OPERATIONS (Cony proposed work. all markers and zon	nes pertinen	t to	this work.)*	u, give subst	Hed I	SECOND TO THE SE	an
Please :	find attach	ed stat	ement for dr	illing o	ver	the lea	ise expir	ation		
			•		2	JD).2	HE EST	\ <b>V#</b>   :	29/13	
					: 4		3630	CE V	18 3	
					Albert	11/10	tn (1597)	2	到周	
					ř	77	FER AS	19 <b>ള</b> 2 :		
								9	, 60 julio 1	
		-					5 T E E	<u>.</u>		
					- 1		<b>NOISIVIA</b>	I,OF		
						OIL	GAS &	MÎNI	JG F	
					"	<b>-</b>		= 70		
								- :-	ጥ t. — ጉ ኳ የ መ	
-									នី គ្នា ទី ទ	
Subsurface Saf	ety Valve: Manu.	and Type					Set @	ע	<u> </u>	F
18. I hereby ce	ertify that the fore	egoing is tr	ue and correct				1	# E		
1.	m D			Journ Ero	110	F	ebruary 3	ર્કે કે વા રુકે કે વાવ	82	
SIGNED Will	iam A /Rvar	<u></u>	тітьє <u>Petro</u>	TEUM ENG	1	DATE	COLUUI Y	<u> </u>		
	Tun o tuyar		(This space for Feder	al or State off	ice u	se)	<u> 무입성병</u>	5 a	5 7 8 2	
,			TITLE		1	DATE _		<u> </u>	<u> </u>	
APPROVED BY _ CONDITIONS OF	APPROVAL, IF AN	IY:					¥ 11 14 2 4	3. 7	<u>a 2 5 5</u>	
			•				* mn:	1	T CE.	

cc: USGS; Div. OG&M; Chorney; Cotton; DeGolyer; Operations; ERHenry; SFurtado; CTClark

## NATURAL GAS CORPORATION OF CALIFORNIA

85 South 200 East Vernal, Utah 84078 (801) 789-4573 January 29, 1982

Mr. E. W. Guynn Geological Survey-Conservation Div. 2000 Administration Bldg. 1745 West 1700 South Salt Lake City, UT 84104

Mr. Michael T. Minder Division of Oil, Gas & Mining 4241 State Office Building Salt Lake City, UT 84114

Mr. Sam Boltz, Jr. Chorney Oil Company 1860 Lincoln, Suite 401 Denver, CO 80295 Cotton Petroleum Corporation 717 17th Street, Suite 2200 Denver, CO 80202

Mr. Bob Gilmore DeGolyer & MacNaughton No. 1 Energy Square Dallas, TX 75206

Re: NGC #23-23 Federal

NE SW Section 23, T.9S, R.17E

Uintah County, Utah Pleasant Valley Prospect

#### Gentlemen:

Attached are copies of Form 9-331, Sundry Notices and Reports on Wells, Notice of Spud Date, for the above referenced well.

Yours truly,

William A. Ryan Petroleum Engineer

/kh

Attachment

cc: Operations

C. T. Clark

E. R. Henry S. Furtado

Well #23-23 Federal, Section 23, T.9S, R.17E, was spudded at 3 p.m. on 1/28/82. The work was done by Leon Ross Drilling Company. On January 31, 1982, the rig was drilling at 75' with a proposed T.D. of 500' at which time 9-5/8" casing would be set.

I, William A. Ryan, was on location and witnessed the above.

William A. Ryan, Petroleum Engr.

State of Utah Zss
County of Uintah S

William A. Ryan appeared before me on
this 3rd Day of Feb., 1982 and signed the above
Statement of his own will and desire.

Notary Ablic-Residing in Vernal, Utah



### United States Department of the Interior

GBOLOGICAL SURVEY
Minerals Management Service
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104-3884

March 5, 1982

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Natural Gas Corporation of California Denver Corporate Center Tower II 7800 East Union Avenue, Suite 800 Denver, Colorado 80237

> Re: Lease No. U-17785 Well No. 23-23 Section 23, T.98, R.17E Uintah County, Utah

#### Gentlemen:

This office received a Sundry Notice on February 1, 1982 reporting the spudding of the referenced well on January 28, 1982. As the subject lease has an expiration date on January 31, 1982, this spudding gave you the right to conduct drilling operations "in such a way as to be an effort which one seriously looking for oil or gas could be expected to make in that particular area ...." as stated in CFR 3107.2-2. A preliminary letter reflecting the commencing of this activity was sent to the BLM Office.

The operations reported by your company about this well where the spudding of the well and the setting of a 500' surface casing. No other operations were reported since that date. Therefore your efforts could not be judged as diligent drilling operation as defined earlier. CFR 3107.2-3 specifies that "actual drilling operations were commenced prior to the end of its primary term and are being diligently prosecuted at that time, shall be extended for 2 years ...". In your case, actual drilling operations were commenced prior to the end of the primary term of the lease but they do not appear to be diligently prosecuted. To show diligent prosecution of operation a rig should be in operation no later than 60 days after the release of the dry hole digger. In this case you have 60 days from release of the dry hole digger or the small rig used to set surface casing (to 500 feet) to move in a rig and start diligent drilling operations. Otherwise there is no diligent drilling operations and the lease terminates under its own terms.

Sincerely.

🖍 E. W. Guynn

District 011 and Gas Supervisor

Spride Teb Right.

### NATURAL GAS CORPORATION OF CALIFORNIA

85 South 200 East Vernal, Utah 84078 (801) 789-4573

March 9, 1982

Mr. E. W. Guynn Minerals Management Service 2000 Administration Bldg. 1745 West 1700 South Salt Lake City, UT 84104

Privision of Oil, Gas, & Mining 4241 State Office Building Salt Lake City, UT 84114

Mr. Sam Boltz, Jr. Chorney Oil Company 1860 Lincoln, Suite 401 Denver, CO 80295 Cotton Petroleum Corporation 717 17th Street, Suite 2200 Denver, CO 80202

Mr. Bob Gilmore DeGolyer & MacNaughton No. 1 Energy Square Dallas, TX 75206

Re: NGC #23-23 Federal

NE SW Section 23, T.9S., R.17E.

Uintah County, Utah Pleasant Valley area

#### Gentlemen:

Enclosed are copies of Form 9-331, Sundry Notices and Reports on Wells, Subsequent Report of Commencement of Drilling Operations, for the above referenced well.

Sincerely,

William A. Ryan

Petroleum Enginee

/kh

Encls.

cc: Operations

C. T. Clark

E. R. Henry

S. Furtado

DIVISION OF OIL, GAS & MINING

MAR 12 1982

### UNITED STATES DEPARTMENT OF THE INTERIOR

ą,	LEASE	
	U-17785	

6.	IF	INDIAN.	<b>ALLOTTEE OR TRIBE NAME</b>	E

GEOLOGICAL SURVEY	6. IF INDIAN, ALLOT TEE OR TRIBE NAME
SUNDRY NOTICES AND REPORTS ON WELLS	7. UNIT AGREEMENT NAME
(Do not use this form for proposals to drill or to deepen or plug back to a difference or plug back to	8. FARM OR LEASE NAME Federal
1. oil gas other other	9. WELL NO.
2. NAME OF OPERATOR	23-23 10. FIELD OR WILDCAT NAME
Natural Gas Corporation of California  3. ADDRESS OF OPERATOR	Wildcat
85 South 200 East, Vernal, UT 84078	11. SEC., T., R., M., OR BLK. AND SURVEY OR
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space	AREA Section 23, T.9S., R.17E.
below.) AT SURFACE: 2118' FWL, 1949' FSL, Section 23	2 12. COUNTY OR PARISH 13. STATE
AT TOP PROD. INTERVAL: 1.95., K.1/E NE	SW Uintah Utah
AT TOTAL DEPTH:	11. API NO.
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE REPORT, OR OTHER DATA	
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD) 5236' GR
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	
SHOOT OR ACIDIZE	
REPAIR WELL	(NOTE: Report results of multiple completion or zone change on Form 9–330.)
PULL OR ALTER CASING	
CHANGE ZONES	
ABANDON* (other) Commencement of Drilling Operations	
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly including estimated date of starting any proposed work. If well measured and true vertical depths for all markers and zones per	is directionally drilled, give substitude locations and
Operator reports the commencement of drilli February 11, 1982. Total depth of 5700' was	ing operations with a rotary rig on as not check Eabruary 21, 1982. Casin
was set and the well is waiting on complet	ion which should be within the next
six (6) weeks.	
See attached letter dated March 5, 1982.	DECETA
occ accounted resourt adoct rial on sy tosair	IN COLUMN
	2 1002
	MAR 1 2 1982
	AT AT
•	DIVISION OF
· · · · · · · · · · · · · · · · · · ·	OIL, GAS & MINING
Subsurface Safety Valve: Manu. and Type	Set @ rt.
18. I hereby certify that the foregoing is true and correct	
SIGNED WITTE Petroleum	Engr. DATE March 9, 1982
William A/ Ryan (This space for Federal or Sta	te office use)
777.5	DATE
APPROVED BY TITLE CONDITIONS OF APPROVAL, IF ANY:	
cc: Minerals Management; Div. OG&M Chorn	ey; Cotton Pet.; DeGolyer; Operation

ıs; C.T. Clark; E.R. Henry; S. Furtado

## NATURAL GAS CORPORATION OF CALIFORNIA

85 South 200 East Vernal, Utah 84078 (801) 789-4573

March 19, 1982

Mr. E. W. Guynn Minerals Management Service 2000 Administration Bldg. 1745 West 1700 South Salt Lake City, UT 84104

Division of Oil, Gas & Mining 4241 State Office Building Salt Lake City, UT 84114

Mr. Sam Boltz, Jr.
Ohorney Oil Company
1860 Lincoln, Suite 401
Denver, CO 80295

Cotton Petroleum Corporation 717 17th Street, Suite 2200 Denver, CO 80202

Mr. Bob Gilmore DeGolyer & MacNaughton No. 1 Energy Square Dallas, TX 75206

Re: NGC #23-23 Federal NE SW Section 23, T.9S., R.17E. Uintah County, Utah Pleasant Valley area

#### Gentlemen:

Enclosed are copies of Form 9-331, Sundry Notices and Reports on Wells, Request for Approval to Fracture Treat and Shoot or Acidize, the above captioned well.

Yours truly,

Rick Canterbury Associate Engineer

/kh

Encls.

cc: Operations

C. T. Clark (Cover Letter Only)

E. R. Henry S. Furtado

#### UNITED STATES DEPARTMENT OF THE INTERIOR **GEOLOGICAL SURVEY**

orm 9–331 Dec. 1973	Budget Bureau No. 42-R1424
UNITED STATES	5. LEASE
DEPARTMENT OF THE INTERIOR	<b>1  u−17785</b>
GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
SUNDRY NOTICES AND REPORTS ON WELLS	7. UNIT AGREEMENT NAME
Do not use this form for proposals to drill or to deepen or plug back to a different eservoir. Use Form 9–331–C for such proposals.)	8. FARM OR LEASE NAME
1. oil gas other	Federal  9. WELL NO.
2. NAME OF OPERATOR Natural Gas Corporation of California	10. FIELD OR WILDCAT NAME
3. ADDRESS OF OPERATOR 85 South 200 East, Vernal, UT 84078	Wildcat 11. SEC., T., R., M., OR BLK. AND SURVEY OR
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	AREA Section 23, T.9S., R17E.
AT SURFACE: 2118' FWL, 1949' FSL, NE SW AT TOP PROD. INTERVAL: Section 23, T.9S., R.17E.	
AT TOTAL DEPTH:  16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	14. API NO.
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD) 5326'
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	3320
EST WATER SHUT-OFF	
RACTURE TREAT ☑ ☐	그렇게 하는 사람들이 살아왔다면 살아왔다.
EPAIR WELL	(NOTE: Report results of multiple completion or zone
PULL OR ALTER CASING	change on Form 9–330.)
CHANGE ZONES	
ABANDON*	
other)	
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly stating including estimated date of starting any proposed work. If well is	directionally drilled, give subsurface locations and
measured and true vertical depths for all markers and zones pertine	
Operator proposes to perforate, acidize and	l fracture treat the following
zones:	
1670 1676 1667	
4852 4868 4886 4853 4868.5 4885	
4855.5 4869	
4856 4887	
	alled distal
Fracture treating will be performed with go See attached location layout.	ettea acesec.
Subsurface Safety Valve: Manu. and Type	Set @ Ft.
18. I hereby certify that the foregoing is true and correct  Associate E	nar. March 19, 1982
SIGNED RICK Canterbury TITLE	DATE
(This space for Federal or State of	Office use)
APPROVED BY TITLE	DATE

Subsurface Safety Valve: Manu. and Type \_\_\_\_ 18. I hereby certify that the foregoing is true and correct (This space for \_\_\_\_ TITLE \_\_ APPROVED BY CONDITIONS OF APPROVAL, IF ANY: cc: Minerals Management; Div. OGEM; DeGolyer; OpARPROYEM BY THE SAGE Cotton Petroleum; Chorney OIL, GAS, AND MINING

\*See Instructions on Reverse Side

DATE: \_

# NATURAL GAS CORPORATION OF CALIFORNIA

85 South 200 East Vernal, Utah 84078 (801) 789-4573 March 23, 1982

Mr. E. W. Guynn Minerals Management Service 2000 Administration Bldg. 1745 West 1700 South Salt Lake City, UT 84104

✓Division of Oil, Gas & Mining 4241 State Office Building Salt Lake City, UT 84114

Mr. Sam Boltz, Jr. Chorney Oil Company 1860 Lincoln, Suite 401 Denver, CO 80295 Cotton Petroleum Corporation 717 17th Street, Suite 2200 Denver, CO 80202

Mr. Bob Gilmore
DeGolyer & MacNaughton
No. 1 Energy Square
Dallas, TX 75206

Re: NGC #23-23 Federal

NE SW Section 23, T.9S., R.17E.

Uintah County, Utah Pleasant Valley area

#### Gentlemen:

Enclosed are copies of Form 9-331, Sundry Notices and Reports on Wells, Request for Approval to Fracture Treat and Shoot or Acidize, the above captioned well.

Sincerely,

Rick Canterbury Associate Engineer

/kh

Encls.

cc: Operations

C. T. Clark (Cover Letter Only)

E. R. Henry S. Furtado

RECEIVED

MAR 25 1982

DIVISION OF OIL, GAS & MINING Form 9-331 Dec. 1973

Form Approved. Budget Bureau No. 42-R1424

DEPARTME	NITED STATES	NTERIOR		LEASE U-17785	LIOTTEE OD	00 00 00 00 00 00 00 00 00 00 00 00 00	
GEOL	OGICAL SURV	'EY		IF INDIAN, A	LLOTTEE OR	I KIBE NAME	J
SUNDRY NOTICES (Do not use this form for proposa reservoir, Use Form 9-331-C for si			different	UNIT AGREE	ूं स्टब्स		
1. oil gas well gas well	other			FARM OR LE	ASE NAME	· · · · ·	·:
2. NAME OF OPERATOR	Other		J.	WELL NO. 23-23		t,	
Natural Gas Corpo		alifornia	10.	FIELD OR W	ILDCAT NAME		
3. ADDRESS OF OPERATOR 85 South 200 East		T 84078	11	Wildcat SEC., T., R.,	M OP BLK	AND SUDVE	
4. LOCATION OF WELL (RE				AREA	WI., UK BLK.	WIND SOUVE	1 UK
below.) AT SURFACE: 2118'	FWL . 1949'	FSL. NE SW	1		23. T.9S.		<u></u>
AT TOP PROD. INTERV	AL: Section	23, T.9S., R.	17E.   12.	COUNTY OR Uintah		STATE & : Jtah	. •
AT TOTAL DEPTH:			14.	API NO.	1 2 2	, carre	
<ol> <li>CHECK APPROPRIATE E REPORT, OR OTHER DA</li> </ol>	1	TE NATURE OF N	— <del></del>	43-047-3		<u>,                                    </u>	<del></del>
REFORT, OR OTHER DI			15.	ELEVATIONS 5236 GR	S (SHOW DF,	KDB, AND	WD)
REQUEST FOR APPROVAL T	o: subs	EQUENT REPORT	PAIRI	WIST	$\eta$	*	
TEST WATER SHUT-OFF   FRACTURE TREAT	<u>                                     </u>		16/15/1	VE			
SHOOT OR ACIDIZE				7	עש		
REPAIR WELL PULL OR ALTER CASING	님 !	H 1777	MAR 24	Change of	sults of multiple	completion or	r zone
MULTIPLE COMPLETE			Illino a	onange of		3 3	
CHANGE ZONES ABANDON*			DIVISIO	ON OF	7		
(other)			W GAS	& MINING			,
17. DESCRIBE PROPOSED Of including estimated date measured and true vertice	of starting any	OPERATIONS (Clear proposed work, if w	ırly state all vell is directi	pertinent det	ails, and give	pertinent d	lates, and
Operator proposes	to perfora	ted, acidize,	, and fra	cture tre	at the fo	ollowing	zones
4486 4492	-1/2	4586	4590	<u>.</u>			
4486-3/4 4493	-3/4	4587-1/2	4590-3/	4			
4490	:	4587-3/4	4593-1/	4 .			
4490-1/2	:	4589-1/2	•••		-		•
Fracture treating	will be pe	rformed with	gelled d	iesel. S	ee attach	ned locat	tion
layout.			<b>(</b>	PROVED F UTAH IL, GAS,	DIVISIO	N OF	
Subsurface Safety Valve: Mar	u. and Type		DAT		269902		Ft.
18. I hereby certify that the f SIGNED Rick Canterb	<del> </del>	nd correct тıтье <u>Associa</u> t	BY: te Engr	Ma	pintal 23.	1982	) 
, NICK CAHLEID	(Th	is space for Federal or	State office us	e)	U	·	
APPROVED BY		TITLE		DATE			

cc: Minerals Management Service; Div. OG&M; Chorney; Cotton; DeGolyer; Operations; E. R. Henry; S. Furtado

Form 9-330			,					1				11
(Rev. 5-68)		U	NID	STAT	ΓES	SUBMI	r in Duplic.	<b>.</b>	1 18	orm app udget Bu	roved. reau No. 42-R355.5.	- []
	DEPAR	TME	ENT O	F TH	E IN	TERIOR	struc	otner in- tions on rse side)		IGNATIO	N AND SERIAL NO.	11
			LOGICA	,			Level	se side)	U-1778	35		
			2200	4D1 FT	0115	FRARE	4 N ID 1 A	<u> </u>	1 1 1 1 1 1		EE OR TRIBE NAME	
WELL CO	MPLETION	OR	RECO	MPLEII	ON F	REPORT A	AND LO	G *	_			
1a. TYPE OF WELL	L: OII	LL X	GA8 WELL	ומ	RT 🗌	Other	<u></u>		7. UNIT AGRE	EMENT	NAME	
b. TYPE OF COM				<u> </u>								
WELL XX	OVER L EN	EP-	BACK [	DIFF	va.	Other			8. FARM OR		AMB	
2. NAME OF OPERAT			- e c-1		_				Federa	11		
Natural Ga		tion	or car	Torni	<u>d</u>	<u> </u>			23-23		1	
85 South 2		Vern	al UT:	84078	·· Tel	enhone 80	01-789-45	73	10. FIELD AN	D POOL,	OR WILDCAT	
4. LOCATION OF WEL	L (Report locate	ion clea	orly and in a	ccordance	with any	y State require	ementa)*		Wildca	it		
At surface 211								17E.	11. SEC., T., I		BLOCK AND SURVEY	
At top prod. into	_		-									
		•							Section	on 23	, T.9S., R.	17E.
At total depth			٠,	1 14 5	RMIT NO.	:	DATE ISSUED		12. COUNTY	)R	1 13. STATE	
•				.	047-3		1-18-82		PARISH		Utah	
15. DATE SPUDDED	16. DATE T.D.	REACHE	D   17. DAT	COMPL.			ELEVATIONS (	DF. RKB.	<del>- '</del>		EV. CASINGHEAD	
1/28/82	2/20/8	2		<u>-</u>			5236'			<i>2.</i> 1		٠.
20. TOTAL DEPTH, MD			K T.D., MD &	TVD 22	. IF MUL	TIPLE COMPL.,	23. INT	ERVALS LLED BY	ROTARY TOO	LS	CABLE TOOLS	*
5697'							——————————————————————————————————————	<del>-&gt;</del>	0-T.D.			•
24. PRODUCING INTER	VAL(8), OF THIS	COMP	LETION—TOP	, BOTTOM,	NAME ()	ID AND TVD)*	+			25.	WAS DIRECTIONAL SURVEY MADE	
4486-5000'												
											NO ~	: •;
26. TIPE ELECTRIC A			DIIC Co	C-	1						No	1 4
DI-SFL/GR-	SPAEDU-CN	TA PK				ort all strings	set in snell)		1		<u></u>	
CASING SIZE	WEIGHT, LB.	/FT.	DEPTH SE			LE SIZE		MENTING	RECORD	·	AMOUNT PULLED	
9-5/8"	36#, K-	55	504	<del> </del>	12	-1/4	To surf	ace	7	-		` -
5-1/2"	17#, K-		5691'		-	-7/8	700 sx					
									· .	_		
					<u> </u>							a last
29.		1	R RECORD				30.		TUBING RECO			
SIZE	TOP (MD)	BOTT	TOM (MD)	SACKS C	EMENT*	SCREEN (M)	2-7/8	<del>,  </del>   -	4979'	D)  -	PACKER SET (MD)	•
		·							43/3	-		•
31. PERFORATION REC	ORD (Interval,	ize an	d number);	<u>!</u>		82.	ACID, SHOT	r, FRAC	TURE, CEMEN'	r sque	EZE, ETC.	•
5000-5005	(6 holes)						ERVAL (MD)		MOUNT AND KIN			
4852-53-55		8 <del>1</del> -6	9-85-86	-87 (1	0 hol	es)5000-	5005		bbls. die			•
4486-86-3/	<b>4, 4490-9</b>	0 <del>1</del> -9	21			4852-					51,000 gal	diese
4586-87½-8	37-3/4-89 <del>1</del>	-90-	90-3/4						,000# san		000 -51 -35-	1
	<del></del>		· · · · · · · · · · · · · · · · · · ·		w		4590-3/ <u>4</u>			<del>, 4</del> 0,	000 gal die	sei,
33.* DATE FIRST PRODUCT	ION   PRO	DUCTIO	N METHOD	Flowina. a		DUCTION umping—size	and type of pu	<u> </u>	000# sand	STATUS	(Producing or	
4/27/82	P	umpi	ng 228	Americ	an			- /	shu	t-in)	oducing	
DATE OF TEST	HOURS TESTER	1	CHOKE SIZE		N. FOR	OIL—BBL.	GA8	CF.	WATER-BBI		AS-OIL RATIO	
5/1/82	24			TEST	PERIOD	62.3	F   3				<u> </u>	_
FLOW. TUBING PRESS.	CASING PRESS		CALCULATED 24-HOUR RAT	OIL-	BBL.	GAS	MCF.	WATER	—BBL.	OIL GR	VITY-API (CORR.)	

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED William A. Rvan

35. LIST OF ATTACHMENTS

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TITLE Petroleum Engineer

DATE May 4, 1982

TEST WITNESSED BY

Boyd Snow

# INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See lastructions on items 22 and 24, and 33, below regarding separate reports for separate completions. If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments

item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State Interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Suffer each additional interval to be separately produced, showing the additional data pertinent to such interval. or Federal office for specific instructions.

"Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.) Item 29: Item 33:

TRUB VERT. DEPTH TOP MEAS. DEPTH GEOLOGIC MARKERS 1810 2818 3820 4960 5415 5596 Lim Oil Sahle Facie Delta Facies **Green River** Green Shale Black Shale River NAME Marker Facies Wasatch Green 38 CORED INTERVALS; AND ALL DAILL-STEM TESTS, INCLUDING AND SHUT-IN PRESSURES, AND RECOVERIES DESCRIPTION, CONTENTS, ETC. 400 IMARY OF POROUS ZONES: 8110W ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THERROF; (DEPTH INTERVAL TESTED, CUBHION USED, TIME TOOL OPEN, PLOWING , BOTTOM TOP 37. SUMMARY OF FORMATION

Minerals Management; Div. OG&M; Chorney; Cotton Pet.; DeGolyer; Operations; CTClark; ERHenry; SFurtado; IChai; KEReed; # U.S. GOVERNMENT PRINTING OFFICE: 1974-780-680/VIII-238

JMKunz; RBoschee; DMcGinley

### NATURAL GAS CORPORATION OF CALIFORNIA

85 South 200 East Vernal, Utah 84078

May 4, 1982

Mr. E. W. Guynn Minerals Management Service 2000 Administration Bldg. 1745 West 1700 South Salt Lake City, UT 84104

Division of Oil, Gas & Mining 4241 State Office Building Salt Lake City, UT 84114

Mr. Sam Boltz, Jr. Chorney Oil Company 1860 Lincoln, Suite 401 Denver, CO 80295 Cotton Petroleum Corporation 717 17th Street, Suite 2200 Denver, CO 80202

Mr. Bob Gilmore DeGolyer & MacNaughton No. 1 Energy Square Dallas, TX 75206

Re: NGC #23-23 Federal

NE SW Section 23, T.9S., R.17E.

Uintah County, Utah Pleasant Valley area

#### Gentlemen:

Attached are copies of Form 9-330, Well Completion or Recompletion Report and Log, for the above referenced well.

Yours truly,

William A. Ryan Petroleum Engineer

/kh

Attachment

cc: Operations

C. T. Clark

E. R. Henry

S. Furtado

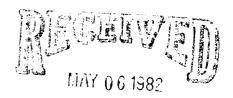
I. Chai

K. E. Reed

J. M. Kunz

R. Boschee

D. McGinley



DIVISION OF GIL, GAS & MINING

## NATURAL GAS CORPORATION OF CALIFORNIA

DENVER CORPORATE CENTER - TOWER II 7800 EAST UNION AVE. • SUITE 800 DENVER, COLORADO 80237 (303) 694-6076

May 4, 1982

Mr. Cleon B. Feight Department of Natural Resources Devision of Oil, Gas and Mining 1588 West North Temple Salt Lake City, Utah 84116

RE: 23-23 Federal Big Wash NE SW Sec.23 T.9S R.17E Uintah County, Utah

Dear Mr. Feight:

Natural Gas Corporation of California would like to hold the well logs that you received from our 23-23 Big Wash Federal well in a "TIGHT HOLE" status as outlined by the rules and regulations of the state of Utah, the normal suite of logs. DIL - GR - SP, FDC - CNL - GR, BHC Sonic - CAL - GR -'F' log, would be available for release.

All other logs which include Litho Density - CNL, Fracture Indentification log - GR - RB - AZIM - DEV, Continuous Dipmeter, VOLAN - GD - GR, Prox-Micro log, Natural - GR - SPECT, Computer Processed log, are not to be released before February 20, 1984.

These logs are considered highly confidential and proprietaty in nature.

Any company making inquires as to the release of this data other than the normal suite of logs should be referred to me.

ON ONISION OF MANING Your corporation in this matter is sincerely appriciated.

Sincerely,

David C. McGinley

Chief Development Geologist

Form 3160-5 UNI > ST	TATES SUBMIT IN THIL ATE.	277
(November 1983)	THE INTERIOR verse alde),	5. LEASE DESIGNATION AND SERIAL NO.
(Formerly 9-331) DEPARTMENT OF I	MANAGÉMENT	U-17785
SUNDRY NOTICES AND		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
SUNDRY NOTICES AND  (Do not use this form for proposals to drill or to  Use "APPLICATION FOR PER	o deepen or plug back to a different reservoir.	
Use "APPLICATION FOR PER	MIT—" for such proposate,	7. UNIT AGREEMENT NAME
1.	•	
MELL OTHER		8. FARM OR LEASE NAME
Natural Gas Corporation of Cali	fornia	Federal
3. ADDRESS OF OPERATOR		9. WELL NO.
or couth 200 East Vernal III 8	4078	23-23
Report location clearly and in ac-	cordance with any State requirements.	Wildcat
See also space 17 below.) At surface		11. SEC., T., R., M., OR BLK, AND
2118' FWL 1949' FSL NE SW		SURVEY OR AREA
Section 23, T.9S., R.17E.		Section 23, T.9S., R.17E
1 15. ELEVATION	vs (Show whether Dr. RT. CR. etc.)	12. COUNTY OR PARISH 13. STATE
14. FERNIT NO. 52361	CD	Uintah Utah
		Other Data
	ox To Indicate Nature of Notice, Report, or	QUENT REPORT OF:
NOTICE OF INTENTION TO:		_ []
TEST WATER SHUT-OFF PULL OR ALTER	CASING WATER SHOT-OFF	ALTERING CASING
FRACTUBE TREAT MULTIPLE COMP	PLETE FEACTURE TREATMENT SHOOTING OR ACIDIZING	ABANDON MENT®
SHOOT OF ACIDIZE	(01)	
(Other) Request Temporary Surface	(Norg: Report resu	its of multiple completion on Well apletion Report and Log form.)
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clear proposed work. If well is directionally drilled, a	ly state all pertinent details, and give pertinent dat	es, including estimated date of starting any
proposed work. If well is directionally drilled, a nent to this work.)	give subsurface locations and measured and true ver	ica depend for all advants are
	• • • • • • • • • • • • • • • • • • •	er the standard would
Operator requests an unlined s	urface pit per NTL-2B, Sec. VI.	The Subject pit would
be used as a blow down pit whe		•
unauting additional info	rmation, please contact me at o	ur Vernal office - telephon
If you require addictional into	This crois present a series	
789-4573.		
	N.O.V.	
	MOA Y	3 1984
•		
		ON OF
	OH, GAS	& MINING
		,
•		
		·
18. I bereby certify that the foregoing is true and co	prrect	
William a Kyon	Petroleum Engineer	DATE Nov. 15, 1984
SIGNED William A. Ryan	An I-OHLD	
(This space for Federal or Stateboffice use)	ADDRAWETT RY	THE STATE
APPROVED BY	OF UTAH DIV	VISION OF
CONDITIONS OF APPROVAL, IF ANY:	OID GAS, AN	MINING
Federal approval of this action	DATE: / 12/20/	63
is required before commencing	See Instruction BM: Remark Side	Dup-
operations.	The second secon	

the it a crime for any person knowingly and willfully to make towary denartment or apency of 1



Norman H. Bangerter, Governor Dee C. Hansen, Executive Director Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

April 2, 1985 -

Natural Gas Corporation of California 85 South 200 East Vernal, Utah 84078

Gentlemen":

RE: Review of Submitted Production and Disposition Information.

The Division staff has recently reviewed production and disposition reports submitted on several wells within Uintah County under your operatorship. The subject wells are listed on the enclosed tables, a comparison of submitted production and disposition reports on the subject wells indicate that the wells produced exactly the amount of gas used on lease each month through the year 1984. The Division staff has reasonable concern that the submitted production information is inaccurate and that proper measurements of gas production are not currently being performed.

It is requested that Natural Gas Corporation perform production tests of all the wells listed on the attached reports and that information be supplied which validates the production reported for the year 1984. The General Rules and Regulations of the Board of Oil, Gas and Mining require that measurement of all oil and gas produced from a well be performed and that such measurements be submitted in writing to the Division. Any additional information you could provide which would confirm your compliance with these Rules and Regulations would be greatly appreciated.

Your prompt consideration of this matter is appreciated. Please contact this office if you have additional questions.

Well No. N.G.C. 23-23 Fed.

See. 23, T. 95 R. ME

1 + 1 ( 1 tale

Enclosures cc: R.J. Firth Well File

0090T-65

Sincerely,

John R. Baza Petroleum Engineer

Formt 3160-5 November 1983) Formerly 9-331)	DEPART	UNITED STATE MENOF THE U OF LAND MAN	INTERIO	SUBMIT IN T. (Other instruct verse side) (2)	RIPL' \TE*	Expires Au  5. LEASE DESIGNA  U-17785	eau No. 1004-0135 gust 31, 1985 TION AND BERIAL NO.
SUN (Do not use thi	UDRY NOT	ICES AND REF	PORTS ON en or plug back "for such prop-	WELLS to a different responsis.)	ervoir.		OTTRE OR TRIBE NAME
			· ana	14/14/12/14/	in for	7. UNIT AGREEMEN	IT HAMB
WELL AN WELL  NAME OF OPERATOR	OTHER				4 ( )	8. FARM OR LEASI	NAME
	Corporatio	on of Californ	nia 🌃	NOV 004		Federal	
ADDRESS OF OPERATO	OR			- NUV 20 1	300 24	9. WELL NO.	
85 South 20	O East, Ver	rnal, UT 84078	3	Manager of	OF	23-23 10. FIELD AND PO	OL, OR WILDCAT
See also space 17 be At surface	(Report location c rlow.)	learly and in accordan	(Ce with any so	OIL, GAS &.M	INING	Eight Mi	le Flat No.
						11. SEC., T., R., M. SURVEY OR	, OR BLK. AND
2118' FWL,	1949' FSL,	NE/SW Sec. 23	3, 1.95.,	K.1/E.	•	Sec. 23,	T.9S., R.17E
		15. ELEVATIONS (Sho		F CP etc.)			ARISH 13. STATE
14. PERMIT NO.		5236 GR		i, da, com		Uintah	Utah
43-047-3116					D O	uhas Dete	
16.	Check A	ppropriate Box To	Indicate Nat	ture of Motice,		INT ESPOST OF:	
	NOTICE OF INTER	TION TO:		÷ 5	SUBBEQU	7	
TEST WATER SHUT	· • • • • • • • • • • • • • • • • • • •	PULL OR ALTER CASING	<u>'                                    </u>	WATER SHUT-		-i	ING CASING
FRACTURE TREAT	[ <del></del> ]	MULTIPLE COMPLETE		FRACTURE TRE	1	•1	ONMENT*
SHOOT OR ACIDIZE		ABANDON* CHANGE PLANS		(Other)			
(Other) SUSD	ond Droduc	tion	X	Complet	ion or Recomple	of multiple completion Report and L	etion on Well og form.) d date of starting any arkers and sones perti-
current flu	equests per uctuation i s an econom	mission to sun oil prices, nic evaluation	, 1t 15 NO	, lunger ecc	Monitou i	,	
		·	• .				
		: 	· ÷ :				
				•	# *	•	
					3 1		•
•		· · · · · · · · · · · · · · · · · · ·					
				markan di kacamatan di Kabupatèn Kabupatèn Kabupatèn Kabupatèn Kabupatèn Kabupatèn Kabupatèn Kabupatèn Kabupat Kabupatèn Kabupatèn			
		÷ .		*			
			<i>:</i>	La La A		4, 4 <b>*</b>	
· ·		•					
			٠		- 2		
18. I hereby certify the	hat the foregoing	is true and correct				• 1	11/18/86
STENED Chart	My Heddle		TITLE Pro	duction Sup	l.	DATE	,,

TITLE .

DATE

(This space for Federal or State office use)

WELL ECONOMIC EVALUATION: PLEASANT VALLEY 23-23

 NGC NI:
 0.75
 PRBD TAX
 0.0421

 NGC RI:
 0.585875
 SEV TAX
 0.0271

 DIL API:
 29.4
 FED TAX
 0.2

							_ TAX _		
MONTH	DIL	SAS	erose	OP. COSTS		PROD.	SEVERENCE		TOTAL
	BBL	MCF	\$	\$	(\$)	\$	\$	\$	NGC NET \$
=======	:::::::::::::	:=======	=======	-========	=======================================		:::::::::::::::::::::::::::::::::::::::		
Jan-S5	215	. 0	\$4,825	\$1,277	\$435	\$203		<b>\$</b> 850	\$1,092
Feb-SS	197	0	\$4,324	\$1,350	\$435	\$182		\$762	\$842
Mar-85	134	0	\$2,941	\$1,361	<b>\$</b> 436	\$124	\$76	\$521	\$273
Apr-S5	195	0	\$4,280	\$1,472	\$448	\$190	\$111	\$745	\$743
May-35	199	0	\$4,368	\$1,481	\$448	\$134	\$113	<b>\$7</b> 62	\$771
Jun-E5	183	0	\$4,017	-	\$448	\$169	\$104	\$734	\$679
Jul-95	178	0	\$3,907	\$958	<b>3</b> 448	\$154	\$101	\$721	\$946
Aug-85	188	0	\$4,127	\$930	\$448	\$174	\$107	\$750	\$1,063
Sep-85	189	. 0	\$4,149		\$449	\$175	\$108	\$763	\$738
0ct-85	188	0	\$4,127	•	\$448	\$174	\$107	\$557	\$150
Nov-85	211	0	\$4,631	\$1,403	\$448	\$195	\$120	\$845	<b>\$</b> 907
Dec-85	204	0	\$4,478	\$1,827	\$448	\$189	\$115	\$776	<b>\$</b> 559
Jan-86	179	0	\$3,808	\$2,300	\$442	\$160	\$99	<b>\$580</b>	(\$3)
Feb-85	167	0	\$2,685	\$1,944	\$448	\$113	\$70	\$486	(\$272)
Mar-85	173	0	\$1,959	\$1,437	\$448	\$30	\$49	\$337	(\$244)
Apr-86	146	0	\$1,351		\$448	\$57	\$35	\$247	(\$523)
May-35	146	0	\$1,370	\$1,211	\$448	\$59	\$36	\$234	(\$237)
Jun-86	144	0	\$1,483	\$1,239	\$468	\$62	\$39	\$264	(\$215)
Jul-96	133	0	\$1,280		\$468	\$54	\$33	\$233	(\$358)
Aug-85	143	0	\$1,405	\$1,394	\$468	\$59	\$36	\$240	(\$354)

<sup>^</sup> Chevrons average price for that month less deductions for 32 'API crude.

Form 3160-5 (November 1983) (Formerly 9-331)  DEPARTME OF THE INTERIOR	SUBMIT IN TRIPLICATES  (Other instructions reverse side)  Form approved.  Budget Bureau No. 1004-0135  Expires August 31, 1985  5. LEASE DESIGNATION AND SERIAL NO.
(Formerly 9–331)  BUREAU OF LAND MANAGEMENT	U-17785
SUNDRY NOTICES AND REPORTS ON (Do not use this form for proposals to drill or to deepen of ging back use "APPLICATION FOR PERMIT—" for such propo	T. UNIT AGREEMENT NAME
	20 1937
2. NAME OF OPERATOR	8. FARM OR LEASE NAME
Natural das corp. of darrioring	SION OF Federal SION OF Federal SION OF Federal
85 South 200 East, Vernal, UT 84078	23-23
4. LOCATION OF WELL (Report location clearly and in accordance with any Sta	te requirements.* 10. FIELD AND POOL, OR WILDCAT
See also space 17 below.) At surface	Eight Mile Flat No. 11. SHC., T., R., M., OR BLK. AND
2118' FWL, 1949' FSL, NE/SW Section 23, T9S.	
	Sec. 23, T9S, R17E
14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT,	
43-047-31169 5236' GR	TOTAL CONTRACTOR OF THE CONTRA
16. Check Appropriate Box To Indicate Nation	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF PULL OR ALTER CASING	WATER SHUT-OFF REPAIRING WELL
FRACTURE TREAT MULTIPLE COMPLETE	PRACTURE TREATMENT ALTERING CASING SHOOTING OR ACIDIZING ABANDONMENT®
SHOOT OR ACIDIZE ABANDON*	SHOOTING OR ACIDIZING ABANDONMENT
(Other) Return Well to Producing Status	(Nors: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent d proposed work. If well is directionally drilled, give subsurface location nent to this work.)*  Operator reports the subject well was put 2 P.M.	
	•
	•
18. I hereby certify that the foregoing is true and correct	duction Supt. DATE 1/16/87
C M. Heddleson	VALE
(This space for Federal or State office use)	

TITLE \_

NGC NGC

January 16, 1987

Bureau of Land Management Vernal District 170 South 500 East Vernal, Utah 84078 State of Utah Division of Oil, Gas & Mining 355 West North Temple 3 Triad Center, Suite 350 Salt Lake City, Utah 84180-1203

Re: NGC Well #23-23 NE/SW Sec. 23, T.9S., R.17E. Uintah County, UT

Gentlemen,

Attached is form 3160-5, "Sundry Notices and Reports of Wells", Notice of Intention to return the above referenced well to a producing status.

If you need more information, please contact our Vernal office.

Very truly yours,

Karla Hanberg

cc: S. Furtado (Rm 1449) L. Jorgensen (Rm 1421)

W. G. Paulsell (Rm 1428)

Connie Wales

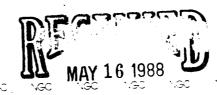
Jt Interest Partners

Files

Natural Gas Corporation of California

NGC

NGC



DIVISION OF OIL, GAS & MINING NGO

**NG**0

May 12, 1988

Bureau of Land Management Vernal District 170 South 500 East Vernal, Utah 84078

NGC

Division of Oil, Gas & Mining 355 West North Temple 3 Triad Center, Suite 350 Salt Lake City, Utah 84180-1203

Mr. Keith Ebner Chorney Oil Company 555 17th Street, Suite 1000 Denver, CO 80202-3910

Re: NGC 23-23 Federal Sec. 23, T9S, R17E Uintah County, UT Lease #U-17785

#### Gentlemen:

Attached is Form 3160-5, "Sundry Notices and Reports on Wells," Request to Suspend Production for the subject well.

If you have any questions, please contact me in the Vernal office.

Sincerely,

Michael L. McMican Petroleum Engineer

Mike Mc Mican

/kh

cc: S. Furtado

L. Jorgensen

W. G. Paulsell

B. Hill

H. Culp

The second secon			Form approved.
Form. 3160-5	UN'TED STATES	SUBMIT IN TRIPY ATE	
November 1983)	RTME OF THE INTER	RIOR (Other instruction ) re	5. LEASE DESIGNATION AND SERIAL NO.
Formerly 9-331) DEPA	JREAU OF LAND MANAGEMEN	NT	U-17785
			6. IF INDIAN, ALLOTTEE OR TRIBE NAME
SUNDRY 1	NOTICES AND REPORTS	And to a different reservoir.	
(Do not use this form for Use "AF	proposals to drill or to deepen or proposals to drill or to deepen or price PLICATION FOR PERMIT—" for	proposals.)	
		MAY 16 1988	7. UNIT AGREEMENT NAME
OIT. (TE) GAS []	HILL	WAT 10 1300	S. FARM OR LEASE NAME
NAME OF OPERATOR		AN GION OF	
•	ration of California	DIVISION OF	Federal
ADDRESS OF OPERATOR		OIL, GAS & MINING	
85 South 200 East	, Vernal, UT 84078		23-23 10. FIELD AND POOL, OR WILDCAT
LOCATION OF WELL (Report location)	ation clearly and in accordance with an	y State requirements.	
See also space 17 below.) At surface			Eight Mile Flat No. 11. BEC., T., B., M., OR BLK. AND
	•		SURVEY OR AREA
2118' FWL, 1949'	FSL		C 22 TOC P17E
<b>2110 2,</b> =	•		Sec. 23, T9S, R17E
14. PERMIT NO.	15. ELEVATIONS (Show whether	DF, RT, GR, etc.)	Uintah Utah
43-047-31169	5236' GR		Ollican   Ocun
.6. Che	ck Appropriate Box To Indicate	Nature of Notice, Report, or	Other Data
		i SUBSE	QUENT EMPORT OF:
NOTICE OF	F INTENTION TO:		REPAIRING WELL
TEST WATER SHUT-OFF	PULL OR ALTER CASING	WATER SHUT-OFF	ALTERING CASING
FRACTURE TREAT	MULTIPLE COMPLETE	FRACTURE TREATMENT SHOOTING OR ACIDIZING	ABANDONMENT*
SHOOT OR ACIDIZE	ABANDON*	(045-5)	
REPAIR WELL	CHANGE PLANS	(Other)(Note: Report result	lts of multiple completion on Well apletion Report and Log form.)
(Other) Suspend	Production X		The state of the s
17. DESCRIBE PROPOSED OR COMPLE	TED OPERATIONS (Clearly state all pertitionally drilled, give subsurface k	ocations and measured and true vert	es, including estimated date of starting e tical depths for all markers and zones per
nent to this work.)			
			blect well. The well
Operator requests	s permission to suspend	production for the so	mical with a price
is not economical	at current oil prices	, but may become econo	may result in premature
increase. If a s	suspension of production	a is not granted, it is	шу 100011 111 г
abandonment of th	ne well and a loss of as	ssuctated reserves.	
	•		
			•
18. I hereby certify that the for	regoing is true and correct	Daniel Produces	May 12, 1988
SIGNED Mike 7	Mc Mican TITLE	Petroleum Engineer	DATE PRO 12, 1900
Michael L	. McMican		
(This space for Federal or	State office use)		

\*See Instructions on Reverse Side

DATE \_

NGC Energy Company

1.90

2001 Bryan Tower Suite 953 Dallas, Texas 75201 (214) 742-2396

1.50

·.@C

DECERVED

JUN 21 1989

CILL CASIN MINING

June 12, 1989

Dear Operator/Vendor:

MGC

NGC

NGC Energy Company has changed its' name to PG&E Resources Company and has relocated its' corporate headquarters from Concord, California to Dallas, Texas. All invoices and corresponsence currently mailed to Concord, California should now be addressed to:

NGC

NGC

PG&E RESOURCES COMPANY 2001 Bryan Tower, Suite 953 Dallas, TX 75201

PG&E Resources Company's Rocky Mountain Regional office will continue to operate in Vernal, Utah. Please mail all invoices and correspondence pertaining to the Rocky Mountain region to:

PG&E RESOURCES COMPANY 85 South 200 East Vernal, UT 84078

All remittances should be mailed to:

PG&E RESOURCES COMPANY P. O. Box 840274 Dallas, Texas 75284-0274

PG&E Resources Company federal tax identifying number is 94-2882054.

Should you need any additional information, please contact Patti Sanders, Accounts Payable Supervisor.

Sincerely,

Keith H. Perkins

Vice President Controller

KHP/chs

6.06.89

AGC Energy Co: Natural das Corp of CA are one in the lame. Company. dalked w/ Mr. Pukins he indicated both companies. Irould reflict the cha. AGC CO. will send a cha of open from Natural das corp to AGC.



355₂West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut 84180-1203. ● (801-538-5340)

Operator name and address:

_	3	_	3
Page		o f	

## MONTHLY OIL AND GAS PRODUCTION REPORT

NATURAL GAS CORP OF 85 SOUTH 200 EAST VERNAL UT ATTN: PROD. ACCOUNT!		Utah Account No. N0700  Report Period (Month/Year) 5 / 89  Amended Report				
Well Name	Producing	Days	Production Volu	ıme	<del></del>	
API Number Entity Location	1	- 1	Oil (BBL)		Gas (MSCF)	Water (BBL)
NGC 23-23 FEDERAL					<u> </u>	1000
4304731169 06160 09S 17E 23	GRRV					
FEDERAL 32-29						
4304731175 06170 09S 18E 29	GRRV					
NGC 24-9H FEDERAL						
4301330682 06175 09S 17E 9	GRRV					
FEDERAL 13-9H						
4301330656 06185 09S 17E 9	GRRV	-				
PTS 33-36 STATE	VICTO					
4301330486 06190 11S 14E 36 FEDERAL 31-20	WSTC				***	
1304731433 06196 085 22E 20	GRRV				•	
□ JERAL 12-9-H	GICICV		1 			
4301330983 09830 09S 17E 9	GRRV					
FEDERAL NGC #22-9-H	June					
4301331049 10065 09S 17E 9	GRRV			}		
FEDERAL #41-5-G			<u> </u>			
4301331205 10859 09S 16E 5	GRRV	Cont	┡ .			
FEDERAL 23-9-H		1 1			-	
4301331206 10868 095 17E 9	GRRV					
FEDERAL 24-33-B			,			
4301331214 10913 08S 16E 33	GRRV	Cor	H.			
		<u> </u>				
	· · · · · · · · · · · · · · · · · · ·	TOTAL				
Comments (attach separate sheet if nece	ssary)					
					·····	
I have reviewed this report and certify the	informatio	n to be	accurate and con	nplete. [	)ate	
A. Care						
				-	Talanhans	
Authorized signature				<del></del> i	elepnone ———	

Form 3160-5 (November 1983) (Formerly 9-331)

# U TED STATES SUBMIT IN TROPERTMENT OF THE INTERIOR VERSE side)

CATE\*

LEASE DESIGNATION AND	SERIAL S	,
Expires August 31,	1985	
Budget Bureau No.	1004-01	3
Form approved.		

MENI	
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
	1 0: 12 INDIAN, NOWOTILE ON TEST

TEST WATER SHUT-OFF  PULL OR ALTER CASING  PRACTURE TREAT  SHOOT OR ACIDIZE  REPAIR WELL  NOTICE OF INTENTION TO:  PULL OR ALTER CASING  MULTIPLE COMPLETE  X  SHOOTING OR ACIDIZING  (Other)  CHANGE PLANS	REPAIRING WELL  ALTERING CASING  ABANDONMENT*  sults of multiple completion on Well completion Report and Log form.)
OIL WELL OTHER  NAME OF OPERATOR  PG&E RESOURCES Company  ADDRESS OF OPERATOR  85 South 200 East, Vernal, UT 84078  LOCATION OF WELL (Report location clearly and in accordance with any State requirements of a surface also space 17 below.)  NE/SW 2118' FWL, 1949' FSL  15. ELEVATIONS (Show whether DF, RT, GR, etc.)  43-047-31169  15. ELEVATIONS (Show whether DF, RT, GR, etc.)  16. Check Appropriate Box To Indicate Nature of Notice, Report, of Notice of Intention To:  TEST WATER SHUT-OFF  PRACTURE TREAT  SHOOT OR ACIDIZE  REPAIR WELL  (Other)  Operator requests permission to plug and abandon the subj manner:  Set CIBP at 4450' with 50' Class "G" cement on top. Set 5½" casing across 9-5/8" casing shoe from 450' to 550'. in 5½" casing at surface and 504' Class "G" cement in 5½" at surface. Erect a regulation dryhole marker with 10 sy at surface. Erect a regulation dryhole marker with 10 sy and abandon the subj at surface. Erect a regulation dryhole marker with 10 sy at surface. Erect a regulation dryhole marker with 10 sy and abandon 24" below second and surface and 24" below s	8. FARM OR LEASE NAME Federal  9. WBLL NO. 23-23  10. FIELD AND POOL, OR WILDCAT Eight Mile Flat No.  11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA  Sec. 23, T9S, R17E  12. COUNTY OR PARISH Uintah Utah  Or Other Data  SEQUENT REPORT OF:  BEPAIRING WELL ALTERING CASING ABANDONMENT*  Sults of multiple completion on Well COMPLETED TO THE COMPLETED OF SURE PARISH CASING ABANDONMENT*
NAME OF OPERATOR  PG&E RESOURCES Company  ADDRESS OF OPERATOR  85 South 200 East, Vernal, UT 84078  NEL (Report location clearly and in accordance with any State requirements for surface of locations of Mark 21 1990  NE/SW 2118' FWL, 1949' FSL  PERMIT NO.  43-047-31169  15. BLEVATIONS (Show whether DF, RT, GR, etc.)  NOTICE OF INTENTION TO:  TEST WATER SHUT-OFF PRACTUSE TREAT  NIDOT OR ACIDIZE REPAIR WELL  (Other)  DENCRIBE PROPUSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent of this work.)*  Operator requests permission to plug and abandon the subj manner:  Set CIBP at 4450' with 50' Class "G" cement on top. Set 5½" casing across 9-5/8" casing shoe from 450' to 550'. in 5½" casing at surface and 504' Class "G" cement in 5½" at surface. Erect a regulation dryhole marker with 10 sx and mar	8. FARM OR LEASE NAME Federal  9. WBLL NO. 23-23  10. FIELD AND POOL, OR WILDCAT Eight Mile Flat No.  11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA  Sec. 23, T9S, R17E  12. COUNTY OR PARISH Uintah Utah  Or Other Data  BEPAIRING WELL ALTERING CASING ABANDONMENT*  Sults of multiple completion on Well Completion Report and Log form.)
NAME OF OPERATOR  PG&E RESOURCES Company  ADDRESS OF OPERATOR  85 South 200 East, Vernal, UT 84078  NEL (Report location clearly and in accordance with any State Peruffections)  At surface  NE/SW 2118' FWL, 1949' FSL  Check Appropriate Box To Indicate Nature of Notice, Report, Carlotter Transfer of Intention to:  TEST WATER SHUT-OFF  PRACTUSE TREAT  SHOOT OR ACIDIZE  REPAIR WELL  (Other)  DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent of this work.)*  Operator requests permission to plug and abandon the subj manner:  Set CIBP at 4450' with 50' Class "G" cement on top. Set 5½" casing across 9-5/8" casing shoe from 450' to 550'. in 5½" casing at surface and 504' Class "G" cement in 5½" at surface. Erect a regulation dryhole marker with 10 sy and abandor the subject of the complete of t	8. FARM OR LEASE NAME Federal  9. WBLL NO. 23-23  10. FIELD AND POOL, OR WILDCAT Eight Mile Flat No.  11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA  Sec. 23, T9S, R17E  12. COUNTY OR PARISH Uintah Utah  Or Other Data  BEPAIRING WELL ALTERING CASING ABANDONMENT*  Sults of multiple completion on Well Completion Report and Log form.)
NAME OF OPERATOR  PG&E Resources Company  ADDRESS OF OPERATOR  85 South 200 East, Vernal, UT 84078  BY State Pagnet 100, East Pagnet 100, East Pagnet 200  BY STATE SHUT-OFF  PRACTURE TREAT  SHOOT OR ACIDIZE  ABANDON'  CHANGE PLANE  COmpletion or Recompliance of Completion or Recompletion or Recompleti	Federal  9. WELL NO. 23-23  10. FIELD AND POOL, OR WILDCAT Eight Mile Flat No.  11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA  Sec. 23, T9S, R17E  12. COUNTY OR PARISH Uintah Utah  Or Other Data  SEEQUENT REPORT OF:  REPAIRING WELL ALTERING CASING ABANDONMENT*  Sults of multiple completion on Well Completion Report and Log form.)
PG&E Resources Company  ADDRESS OF OPERATOR  85 South 200 East, Vernal, UT 84078  BY	Federal  9. WBLL NO. 23-23  10. FIELD AND POOL, OR WILDCAT Eight Mile Flat No.  11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA  Sec. 23, T9S, R17E  12. COUNTY OR PARISH Uintah Utah  Or Other Data  SEEQUENT REPORT OF:  REPAIRING WELL ALTERING CASING ABANDONMENT*  Sults of multiple completion on Well Completion Report and Log form.)
ADDRESS OF OPERATOR  85 SOUTH 200 East, Vernal, UT 84078  10 CACTION OF WELL (Report location clearly and in accordance with any State requirements of see also space 17 below.)  At surface  NE/SW 2118' FWL, 1949' FSL  15. SLEVATIONS (Show whether DF, RT, GR, etc.)  43-047-31169  15. SLEVATIONS (Show whether DF, RT, GR, etc.)  43-047-31169  15. SLEVATIONS (Show whether DF, RT, GR, etc.)  ADDRESS OF OPERATOR  NOTICE OF INTENTION TO:  TEST WATER SHUT-OFF PCLL OR ALTER CASING WATER SHUT-OFF PRACTURE TREAT MULTIPLE COMPLETE ABANDON'S SHOOTING OR ACIDIZING (Other)  TO DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent details, and give pertinent details, and give pertinent details and measured and true we need to this work. If well is directionally drilled, give subsurface locations and measured and true we need to this work. If well as directionally drilled, give subsurface locations and measured and true we need to show the state of the subsurface of the subsurface and 504' Class "G" cement on top. Set 5½" casing across 9-5/8" casing shoe from 450' to 550'.  in 5½" casing at surface and 504' Class "G" cement in 5½' at surface. Erect a regulation dryhole marker with 10 say and surface and 24" below says and s	9. WBLL NO. 23-23  10. FIELD AND POOL, OR WILDCAT Eight Mile Flat No.  11. SEC., T., E., M., OR BLE. AND SURVEY OR AREA  Sec. 23, T9S, R17E  12. COUNTY OR PARISH 13. STATE Uintah Utah  Or Other Data  SERQUENT REPORT OF:  REPAIRING WELL ALTERING CASING ABANDONMENT*  Sults of multiple completion on Well COMMISSION REPORT AND LOG form.)
85 South 200 East, Vernal, UT 84078  B5 South 200 East, Vernal, UT 84078  B6 South 20	23-23  10. FIELD AND POOL, OR WILDCAT Eight Mile Flat No.  11. SEC., T., E., M., OR BLE. AND SURVEY OR AREA  Sec. 23, T9S, R17E  12. COUNTY OR PARISE 13. STATE Uintah Utah  Or Other Data  SERQUENT REPORT OF:  REPAIRING WELL ALTERING CASING ABANDONMENT*  Sults of multiple completion on Well COMMISSION REPORT AND LOG FORM.)
85 South 200 East, Vernal, UT 84078  LOCATION OF WELL (Report location clearly and in accordance with any State requirements)  See also space 17 below.)  At surface  NE/SW 2118' FWL, 1949' FSL  PERMIT NO.  43-047-31169  15. ELEVATIONS (Show whether DF, NT, GR, etc.)  S236' GR  Check Appropriate Box To Indicate Nature of Notice, Report, or NOTICE OF INTENTION TO:  TEST WATER SHUT-OFF PRACTURE TREAT  SHOOT OR ACIDIZE  REPAIR WELL  (Other)  DENSCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent of proposed work. If well is directionally drilled, give subsurface locations and measured and true we nent to this work.)*  Operator requests permission to plug and abandon the subjumnment:  Set CIBP at 4450' with 50' Class "G" cement on top. Set 5½" casing across 9-5/8" casing shoe from 450' to 550'. in 5½" casing at surface and 504' Class "G" cement in 5½' at surface. Erect a regulation dryhole marker with 10 so and the subjumnment of the surface and 504' Class "G" cement in 5½' at surface. Erect a regulation dryhole marker with 10 so and the surface and 504' below second and the surface and 504' class "G" cement in 5½' at surface. Erect a regulation dryhole marker with 10 so and the surface and 504' below second	TO. FIELD AND POOL, OR WILDCAT Eight Mile Flat No.  11. SEC., T., E., M., OR BLE. AND SURVEY OR AREA  Sec. 23, T9S, R17E  12. COUNTY OR PARISE 13. STATE Uintah Utah  Or Other Data  SEQUENT REPORT OF:  REPAIRING WELL ALTERING CASING ABANDONMENT*  Sults of multiple completion on Well Completion Report and Log form.)
NE/SW 2118' FWL, 1949' FSL  PERMIT NO.  43-047-31169  Check Appropriate Box To Indicate Nature of Notice, Report, of Notice of Intention to:  NOTICE OF INTENTION TO:  TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL  (Other)  DESCRIBE PROPUSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent of proposed work. If well is directionally drilled, give subsurface locations and measured and true we need to this work.)*  Operator requests permission to plug and abandon the subjundance:  Set CIBP at 4450' with 50' Class "G" cement on top. Set 5½" casing across 9-5/8" casing shoe from 450' to 550'.  in 5½" casing at surface and 504' Class "G" cement in 5½" at surface. Erect a regulation dryhole marker with 10 says and surface. Erect a regulation dryhole marker with 10 says and surface. Erect a regulation dryhole marker with 10 says and surface. Erect a regulation dryhole marker with 10 says and surface. Erect a regulation dryhole marker with 10 says and surface. Erect a regulation dryhole marker with 10 says and surface. Erect a regulation dryhole marker with 10 says and surface. Erect a regulation dryhole marker with 10 says and surface. Erect a regulation dryhole marker with 10 says and surface and 24" below say	Eight Mile Flat No.  11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA  Sec. 23, T9S, R17E  12. COUNTY OR PARISH 13. STATE Uintah Utah  Or Other Data  SEQUENT REPORT OF:  REPAIRING WELL ALTERING CASING ABANDONMENT*  Sults of multiple completion on Well Completion Report and Log form.)
NE/SW 2118' FWL, 1949' FSL  PERMIT NO.  43-047-31169  Check Appropriate Box To Indicate Nature of Notice, Report, of Notice of Intention to:  TEST WATER SHUT-OFF PRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL (Other)  DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dynamics of this work.)*  Operator requests permission to plug and abandon the subjundance:  Set CIBP at 4450' with 50' Class "G" cement on top. Set 5½" casing across 9-5/8" casing shoe from 450' to 550'.  in 5½" casing at surface and 504' Class "G" cement in 5½' at surface. Erect a regulation dryhole marker with 10 says and marker with 10 says and marker where the about 18". Cut deadmen 24" below says and marker where the about 18". Cut deadmen 24" below says and marker with 10 says and marker where the about 18". Cut deadmen 24" below says and marker where the about 18". Cut deadmen 24" below says and marker where the about 18". Cut deadmen 24" below says and marker with 10 says and marker where the about 18". Cut deadmen 24" below says and marker where the about 18". Cut deadmen 24" below says and marker with 10 says and marker w	Sec. 23, T9S, R17E  Sec. 23, T9S, R17E  12. COUNTY OR PARISH 13. STATE  Uintah  Or Other Data  SEQUENT REPORT OF:  REPAIRING WELL  ALTERING CASING  ABANDONMENT*  Sults of multiple completion on Well  Completion Report and Log form.)
NE/SW 2118' FWL, 1949' FSL  PERMIT NO.	Sec. 23, T9S, R17E  Sec. 23, T9S, R17E  12. COUNTY OR PARISH 13. STATE  Uintah  Or Other Data  SEQUENT REPORT OF:  REPAIRING WELL  ALTERING CASING  ABANDONMENT*  Sults of multiple completion on Well  Completion Report and Log form.)
Check Appropriate Box To Indicate Nature of Notice, Report, of Notice of Intention to:  TEST WATER SHUT-OFF PRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL (Other)  DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent to this work.)  Operator requests permission to plug and abandon the subj manner:  Set CIBP at 4450' with 50' Class "G" cement on top. Set 5½" casing across 9-5/8" casing shoe from 450' to 550'.  in 5½" casing at surface and 504' Class "G" cement in 5½" at surface. Erect a regulation dryhole marker with 10 says and marker with 10 says and marker below the surface. Erect a regulation dryhole marker with 10 says and marker below to the surface. Erect a regulation dryhole marker with 10 says and marker below to the surface. Erect a regulation dryhole marker with 10 says and marker below to the surface.	SURVEY OF AREA  Sec. 23, T9S, R17E  12. COUNTY OF PARISH 13. STATE  Uintah Utah  Or Other Data  SEEQUENT REPORT OF:  REPAIRING WELL  ALTERING CASING  ABANDONMENT*  Sults of multiple completion on Well  completion Report and Log form.)
Check Appropriate Box To Indicate Nature of Notice, Report, or Notice of Intention to:  TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL (Other)  DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent to this work.)*  Operator requests permission to plug and abandon the subj manner:  Set CIBP at 4450' with 50' Class "G" cement on top. Set 5½" casing across 9-5/8" casing shoe from 450' to 550'.  in 5½" casing at surface and 504' Class "G" cement in 5½" at surface. Erect a regulation dryhole marker with 10 says and marker with 10 says and marker below to be a control base to about 18". Cut deadmen 24" below says and marker with 10 says and marker base to about 18". Cut deadmen 24" below says and marker base to about 18". Cut deadmen 24" below says and marker base to about 18". Cut deadmen 24" below says and marker base to about 18". Cut deadmen 24" below says and marker base to about 18". Cut deadmen 24" below says and marker base to about 18". Cut deadmen 24" below says and marker base to about 18". Cut deadmen 24" below says and marker base to about 18". Cut deadmen 24" below says and marker base to about 18". Cut deadmen 24" below says and says and says and says about 18". Cut deadmen 24" below says and says and says about 18".	12. COUNTY OR PARISE 13. STATE  Uintah Utah  Or Other Data  SEQUENT REPORT OF:  REPAIRING WELL  ALTERING CASING  ABANDONMENT*  Sults of multiple completion on Well  completion Report and Log form.)
Check Appropriate Box To Indicate Nature of Notice, Report, or Notice of Intention to:  TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL (Other)  DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent to this work.)*  Operator requests permission to plug and abandon the subjumanner:  Set CIBP at 4450' with 50' Class "G" cement on top. Set 5½" casing across 9-5/8" casing shoe from 450' to 550'.  in 5½" casing at surface and 504' Class "G" cement in 5½" at surface. Erect a regulation dryhole marker with 10 symmetry base to about 18". Cut deadmen 24" below set of the subjument of the subjument of the subjument of the surface.	12. COUNTY OR PARISH UTAH  UINTAH  OF Other Data  SEQUENT REPORT OF:  REPAIRING WELL  ALTERING CASING  ABANDONMENT*  Sults of multiple completion on Well  completion Report and Log form.)
Check Appropriate Box To Indicate Nature of Notice, Report, or Notice of Intention to:  TEST WATER SHUT-OFF  FRACTURE TREAT  SHOOT OR ACIDIZE  REPAIR WELL  (Other)  DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent of proposed work. If well is directionally drilled, give subsurface locations and measured and true we nent to this work.)  Operator requests permission to plug and abandon the subjumanner:  Set CIBP at 4450' with 50' Class "G" cement on top. Set 5½" casing across 9-5/8" casing shoe from 450' to 550'. in 5½" casing at surface and 504' Class "G" cement in 5½" at surface. Erect a regulation dryhole marker with 10 symmetry base to about 18". Cut deadmen 24" below set of the subjument of the control of the subjument of the control of t	Uintah Utah  Or Other Data  BERQUENT REPORT OF:  REPAIRING WELL  ALTERING CASING  ABANDONMENT*  Sults of multiple completion on Well  completion Report and Log form.)
Check Appropriate Box To Indicate Nature of Notice, Report, of Notice of Intention to:  TEST WATER SHUT-OFF  FRACTURE TREAT  SHOOT OR ACIDIZE  REPAIR WELL  (Other)  DESCRIBE PROPUSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent d proposed work. If well is directionally drilled, give subsurface locations and measured and true venent to this work.)  Operator requests permission to plug and abandon the subjumanner:  Set CIBP at 4450' with 50' Class "G" cement on top. Set 5½" casing across 9-5/8" casing shoe from 450' to 550'. in 5½" casing at surface and 504' Class "G" cement in 5½' at surface. Erect a regulation dryhole marker with 10 symmetrics below the proposed of the surface and	Or Other Data  BEFAIRING WELL  ALTERING CASING  ABANDONMENT*  sults of multiple completion on Well  completion Report and Log form.)
Check Appropriate Box To Indicate Nature of Notice, Report, of Notice of Intention to:  TEST WATER SHUT-OFF PRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL (Other)  DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent details, and give pertinent details work.)  Operator requests permission to plug and abandon the subjumanner:  Set CIBP at 4450' with 50' Class "G" cement on top. Set 5½" casing across 9-5/8" casing shoe from 450' to 550'.  in 5½" casing at surface and 504' Class "G" cement in 5½" at surface. Erect a regulation dryhole marker with 10 symmetry base to about 18". Cut deadmen 24" below seconds.	REPAIRING WELL  ALTERING CASING  ABANDONMENT*  sults of multiple completion on Well completion Report and Log form.)
TEST WATER SHUT-OFF  PCLL OR ALTER CASING  MULTIPLE COMPLETE  MULTIPLE COMPLETE  MULTIPLE COMPLETE  ABANDON*  CHANGE PLANS  CHANGE PLANS  DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent details, and give pertinent to this work.)*  Operator requests permission to plug and abandon the subj manner:  Set CIBP at 4450' with 50' Class "G" cement on top. Set 5½" casing across 9-5/8" casing shoe from 450' to 550'. in 5½" casing at surface and 504' Class "G" cement in 5½" at surface. Erect a regulation dryhole marker with 10 same and marker base to about 18". Cut deadmen 24" below same and marker below to the complete of	REPAIRING WELL  ALTERING CASING  ABANDONMENT*  sults of multiple completion on Well completion Report and Log form.)
TEST WATER SHUT-OFF  PCLL OR ALTER CASING  MULTIPLE COMPLETE  REPAIR WELL  (Other)  DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent details work. If well is directionally drilled, give subsurface locations and measured and true vinent to this work.)  Operator requests permission to plug and abandon the subjumanner:  Set CIBP at 4450' with 50' Class "G" cement on top. Set 5½" casing across 9-5/8" casing shoe from 450' to 550'.  in 5½" casing at surface and 504' Class "G" cement in 5½" at surface. Erect a regulation dryhole marker with 10 symmetric marker base to about 18". Cut deadmen 24" below seconds as a surface and 504' Cut deadmen 24" below seconds.	BEPAIRING WELL  ALTERING CASING  ABANDONMENT*  sults of multiple completion on Well completion Report and Log form.)
PRACTURE TREAT  MULTIPLE COMPLETE  ABANDON*  REPAIR WELL  (Other)  DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent of proposed work. If well is directionally drilled, give subsurface locations and measured and true we ment to this work.)*  Operator requests permission to plug and abandon the subjumanner:  Set CIBP at 4450' with 50' Class "G" cement on top. Set 5½" casing across 9-5/8" casing shoe from 450' to 550'.  in 5½" casing at surface and 504' Class "G" cement in 5½" at surface. Erect a regulation dryhole marker with 10 symmetric marker base to about 18". Cut deadmen 24" below second marker base to about 18". Cut deadmen 24" below second marker base to about 18". Cut deadmen 24" below second marker base to about 18". Cut deadmen 24" below second marker base to about 18". Cut deadmen 24" below second marker base to about 18". Cut deadmen 24" below second marker base to about 18".	ALTERING CASING  ABANDONMENT*  sults of multiple completion on Well completion Report and Log form.)
MULTIPLE COMPLETE  SHOOT OR ACIDIZE  REPAIR WELL  (Other)  DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent d proposed work. If well is directionally drilled, give subsurface locations and measured and true venent to this work.)  Operator requests permission to plug and abandon the subj manner:  Set CIBP at 4450' with 50' Class "G" cement on top. Set 5½" casing across 9-5/8" casing shoe from 450' to 550'.  in 5½" casing at surface and 504' Class "G" cement in 5½" at surface. Erect a regulation dryhole marker with 10 symmetric marker has a to about 18". Cut deadmen 24" below second marker below to the contract of	sults of multiple completion on Well completion Report and Log form.)
SHOOT OR ACIDIZE  REPAIR WELL  (Other)  Other)  DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent of proposed work. If well is directionally drilled, give subsurface locations and measured and true veneration to this work.)  Operator requests permission to plug and abandon the subjumanner:  Set CIBP at 4450' with 50' Class "G" cement on top. Set 5½" casing across 9-5/8" casing shoe from 450' to 550'.  in 5½" casing at surface and 504' Class "G" cement in 5½" at surface. Erect a regulation dryhole marker with 10 symmetry has a to about 18". Cut deadmen 24" below seconds.	sults of multiple completion on Well completion Report and Log form.)
REPAIR WELL  (Other)  CHANGE PLANS  (Other)  (Note: Report recompletion or Rec	completion Report and Log form.
(Other)  (Note: Report records on Completed Operations (Clearly state all pertinent details, and give pertinent of this work.)  Operator requests permission to plug and abandon the subjumanner:  Set CIBP at 4450' with 50' Class "G" cement on top. Set 5½" casing across 9-5/8" casing shoe from 450' to 550'.  in 5½" casing at surface and 504' Class "G" cement in 5½" at surface. Erect a regulation dryhole marker with 10 symmetric marker has a to about 18". Cut deadmen 24" below second marker has a to about 18". Cut deadmen 24" below second marker has a to about 18". Cut deadmen 24" below second marker has a to about 18".	completion Report and Log form.
Operator requests permission to plug and abandon the subj manner:  Set CIBP at 4450' with 50' Class "G" cement on top. Set 5½" casing across 9-5/8" casing shoe from 450' to 550'. in 5½" casing at surface and 504' Class "G" cement in 5½" at surface. Erect a regulation dryhole marker with 10 seconds of the subject of the surface and 504' Class "G" cement in 5½" at surface. Erect a regulation dryhole marker with 10 seconds of the subject of	ates, including estimated date of starting a ertical depths for all markers and zones per
Operator requests permission to plug and abandon the subjumnner:  Set CIBP at 4450' with 50' Class "G" cement on top. Set 5½" casing across 9-5/8" casing shoe from 450' to 550'. in 5½" casing at surface and 504' Class "G" cement in 5½" at surface. Erect a regulation dryhole marker with 10 symmetric base to about 18". Cut deadmen 24" below second marker base to about 18". Cut deadmen 24" below second marker base to about 18".	ertical depths for all markers and zones per
	100' Class "G" cement in Set 100' Class "G" cement ' and 9-5/8" casing annulus k sackrete and fill in surface. Minimum 9 ppg
	Q-TAS  3- MICROFILM /  U- DATEILE 3/20/90
CONDITIONS OF APPROVAL, IF ANY:	EPTED BY THE STATE
Federal conveyed of this action	EPTED BY THE STATE
Federal approval of this action	EPTED BY THE STATE F UTAH DIVISION OF
is required before commencing operations.  *See Instructions on Reverse Side BY:	EPTED BY THE STATE F UTAH DIVISION OF L GAS AND MINING

Title 13 U.S.C. Section 1901, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3160-5 (December 1989)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED Budget Bureau No. 1004-0135 Expires: September 30, 1990

Lease Designation and Serial No.

BUREAU OF I	LAND MANAGEMENT	5. Lease Designation and Serial No.
CUMBBY NOTICES	AND REPORTS ON WELLS	U-17785
	6. If Indian, Allottee or Tribe Name	
Use "APPI ICATION FO	ill or to deepen or reentry to a different reservoir.  R PERMIT—" for such proposals	
000 /// 210/// 01		7. If Unit or CA, Agreement Designation
SUBMIT	IN TRIPLICATE	The state of the figure and the state of the
1. Type of Weil	NOV 05 1990 3	
Oil Gas Well Other	1. <b>14.</b> 0 4 0 4 10.70 10.70	8. Well Name and No.
2. Name of Operator	the state of the s	23-23 Federal
PG&E Resources Company	100000000000000000000000000000000000000	9. API Well No.
3. Address and Telephone No.	T 84078 801-789-4573	43-047-31169 10. Field and Pool, or Exploratory Area
85 South 200 East, Vernal, U 4. Location of Well (Footage, Sec., T., R., M., or Survey D		<u>'</u>
	escription)	Eight Mile Flat No.  11. County or Parish, State
2118' FWL, 1949' FSL NE/SW		Uintah, Utah
Section 23, T9S, R17E		omean, ocan
12. CHECK APPROPRIATE BOX(	s) TO INDICATE NATURE OF NOTICE, REPOF	RT. OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION	
TIPE OF SUBMISSION		
Notice of Intent	XX Abandonment	Change of Plans
<b>V</b>	Recompletion Plugging Back	New Construction Non-Routine Fracturing
X Subsequent Report	Casing Repair	Water Shut-Off
Final Abandonment Notice	Altering Casing	Conversion to Injection
That roundomain trous	Other	
entition of the second of the	Recompletion Report as	
13. Describe Proposed or Completed Operations (Clearly state a	Il pertinent details, and give pertinent dates, including estimated date of starting	g any proposed work. If well is directionally drilled.
give subsurface locations and measure at the constitution of the c	cal depths for all markers and zones pertinent to this work.)*	
Subject well was plugged and	abandoned as follows:	
8/1/90: RIH w/csg scraper to	4561', circ hot water, TOH, set CIBP	blished circ set
8/2/90: Set 10 sx Class "G",	cmt on BP, perf 52" csg @ 2722', esta	G! left 50' cmt on
10 = 1 = 1 = 1 = 1	f, cmt'd thru retainer w/98 sx Class "hole w/9 ppg mud, perf 5½" csg @ 1190	i'. mrnke circ. sec
retainer, displaced	, perf 5½" csg @ 550', cmt'd thru reta	iner w/31 sx Class "G".
e/7/00. Established size th	ru perfs @ 550' back to surface, circu	lated Class "G" cmt
8/3/90: Established circ th	6 5½" 6 9-5/8" csg annulus from 550' t	o surface.
8/4/90: Set regulation dryh	ole marker.	
· ·		zember 1990.
entire a management of the control o	be rehabilitated and seeded during Nov	
the contract of the contract o		jeg ja til til n <b>edlet</b> t gad.
<mark>naka kati</mark> katika katika katika mana katika mana katika katika katika katika katika katika katika katika katika		्रेस्ट्री कर्णा का मुख्याचा <b>र संस्थातक दे</b> सला १५१२ मेट्सिस क्लाक्स <b>ार स्टब्स्ट्रिस</b> अर्थ
্ৰ প্ৰ <del>কল্প কুল্লাৰ ব</del> ্যালয় হ'ব হ'ব প্ৰাণ্ড বিভাগ ব	and the second of the second o	्याता । वस्ताना वराम <b>दस्य वर्धत् १</b> ०००
The commentary are produced by the contract of	(2) 医静脉激射 化二氢氯化二氢二甲二酚 泰斯斯特 人名英格兰人名 经营销额	and the control of the control of placente.
Copies: Div. Oil, Gas & Min	ing; Chorney; SGoodrich; Central Files	त्र विशेष के प्राप्त के प्राप्त के के किस के के किस के जिल्लामा
14. I hereby certify that the foregoing is true and correct	Para a market de la constitución de	
Signed Mrc Mc Mican	Title Production Supt.	Date11/1/90
(This space for Federal or State office use)		
Approved by	Title	Date
Conditions of approval, if any:		

Form 3160-4 (November 1983) (formerly 9-330)

31. PERFORATION RECORD (Interval, size and number)

5000-05, 4852, 4853, 4855, 4856, 4868

McMican

SIGNED .

## UNTED STATES

SUBMIT IN DUPLICATE.

Form approved.

Budget 7: 1001-0137

Expires August 31, 1985

ACID. SHOT. FRACTURE. CEMENT SQUEEZE, ETC.

AMOUNT AND KIND OF MATERIAL USED

## DEPARTMENT OF THE INTERIOR

(See other in-

Dapties August 31, 1963

	BUREAL	J OF LAND	MANAGEMEN	NT		reverse side)	U-1778	35	
WELL CON	APLETION OR	RECOM	PLETION R	REPORT	ANI	D LOG*	6. IF INDIAN	, ALLOT	THE OR TRIBE NAME
ia. TYPE OF WELL	.: OIL X	WELL	DRY 🗌	Other			7. UNIT AGR	EEMENT	NAMB
	WORK PEEP-	PLUG D	DIFF. BENVR.	Other P8	ŧΑ		S. FARM OR	LEASE	NAMB
2. NAME OF OPERATO				<u>~@@'</u>	T# 19	THE THE	Federa	11	
<u></u>	urces Company		[]	1) 5 (6)			9. WELL NO.		
3. ADDRESS OF OPERA			, i	ALE.			23-23		
85 South	200 East, Ver	nal, UT	84078	M MOV	1-05	1990	10. FIELD A	ND POOL	, OR WILDCAT
4. LOCATION OF WELL	(Report location elec	arly and in ac	cordance with an	y State requi	irement	(8)*	Eight	Mile	Flat No.
At surface 21	18' FWL, 1949	' FSL N	E/SW	- 11	Sign		11. SEC., T., OR AREA		R BLOCK AND SURVEY
At top prod. inte	rval reported below			OIL, G	à5 is	Palific [1]	Section	on 23	3, T9S, R17E
At total depth									
			14. PERMIT NO.		DATE	ISSUED	12. COUNTY PARISH	OR	13. STATE
			43-047-3	1169	1/:	19/82	Uinta		Utah
15. DATE SPUDDED	16. DATE T.D. REACH	ED   17. DATE	COMPL. (Ready to	o prod.) 1	8. ELEV	ATIONS (DF. RKB	RT, GR, ETC.) *	1	LEV. CASINGHEAD
1/28/82	2/20/82	*4/1	9/82		52	236' GR		52	236'
20. TOTAL DEPTH. MD A		K T.D., MD & T	VD 22. IF MUL	TIPLE COMPL	,	23. INTERVALS		)LS	CABLE TOOLS
5697'	5610'					<b>→</b>	XX		
24. PRODUCING INTERV	VAL(8), OF THIS COME	LETION-TOP.	BOTTOM, NAME ()	MD AND TVD)	•			25	. WAS DIRECTIONAL SURVEY MADE
Plugged an	d Abandoned	3/90							No
26. TYPE ELECTRIC A	ND OTHER LOGS BUN			<del></del>	<del></del>			27. W	AS WELL CORNO
	NL-BHC Sonic	1-14-91	/						No
28.		CASI	NG RECORD (Rep	port all string	gs set i				
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET	(/	LE SIZE		CEMENTIN	G RECORD		AMOUNT PULLED
9-5/8"	36# K55 504' KB		KB 12-	12-1/4" To		To surface		None	
5-1/2"	17# K55	5691'	7-	7-7/8'' 700 sx					None
		-			1				
29.	LINE	R RECORD				30.	TUBING REC	ORD	
BIZE	TOP (MD) BOT	TOM (MD)	SACKS CEMENT*	SCREEN (	MD)	SIZE	DEPTH SET (	MD)	PACKER SET (MD)

		4404 07	4400 00							
4868.5, 4	869, 4885-87	, 4486-8/,	4490-92,	5000-5005	40 bb1s	bls diesel				
4586-91:	All 1 spf			4852-4887	1246 bb	6 bbls diesel, 12500# san				
2722, 119	0, 550: P&A	holes	•	4486-4591	956 bb1	bbls diesel, 38000# sa				
33.*			PROI	UCTION		· · · · · · · · · · · · · · · · · · ·				
DATE FIRST PRODUCT	ION PRODUCT	ION METHOD (Flo	wing, gas lift, pr	imping—size and type	of pump)	WELL ST	natus (Producing or			
4/27/82	Pump	ing				1	Abandoned			
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL-BBL. G	AS-MCF. W	ATER-BBL.	GAS-OIL RATIO			
5/1/82	24	<u> </u>	<del></del>	62						
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED	OIL-BBL.	GAS-MCF.	WATER-BBL	.   0	OIL GRAVUTT-API (CORE.)			
		24-HOUR BATE	62			<u>-</u>	-			
34. DISPOSITION OF G	TE	TEST WITNESSED BY								
Used for	fuel				E	Boyd Sno	)W			
35. LIST OF ATTACH	MENTS			m	ar affine					
36 I hereby certify	that the foregoing	and attached info	ormation is comp	lete and correct as de	termined from all a	vallable rec	ords			
00		_								

DEPTH INTERVAL (MD)

Production Supt.

TITLE .





DIVISION OF OIL, GAS & MINING

Utah Division of Oil & Gas Mining 3 Triad Center, Suite 350 Salt Lake City, Utah 84180-1203

Attn: Ms. Vicki Carney

Re: Logs NGC #23-23

Sec. 23-T9S-R17E Uintah Co., Utah

Dear Ms. Carney:

Enclosed please find copies of the DIL and CNL-Density logs for the subject well that you requested from our Vernal office.

Sincerely yours,

John R. Wingert Sr. Staff Geologist

JRW:lk Encl.

cc: Mike McMican - Vernal

		week.										•			
Form 9-593	API#43-047-31169								<b>∡</b> .		4 #102				
(April 1952)		ONITED STATES								Sec					
2	<u>. 1</u>	DEPARTMENT OF THE INTERIOR  GEOLOGICAL SURVEY								т9S					
	2.														
		CONSERVATION DIVISION								R. 17E					
			INI		UAL V					SL	B&M	. Mer.			
PUBLIC L					e					Ref. No					
Land offic															
Ser <del>ia</del> l No	Natur	1778! al Gas	5 Corpo	ration		Coun	ity		Ui	ntah		,			
Lessee															
Operator															
Well No.	23-	-23				. Sub	livision	NES	<u>W</u>						
Location			211	8' FWL	& 194	9' FSL									
Drilling	approve	d1/	14		, <b>19</b> 8	2 Well	elevati	on <u>5236</u>	' GR			feet			
Drilling															
Drilling (															
Complete	ed for p	roductio	n	5/1	., 198	2 Gra	vity A.	P. I	NA						
FAU Abandon	ment a	proved	Oct	113	, 1993	<u>Init</u>	ial R. I		Pump	oing					
	Geologic l					Name	Prod	uctive Ho	epths		Conte	nis			
	ta		satch-		Gree	n-Rive	<del>ik</del>		86-500 select			oil			
WELL ST.	ATUS														
YEAR	Jan.	FEB.	MAR.	APR.	MAY	JUNE	JULY	Aug.	SEPT.	Ocr.	Nov.	DEC.			
1982	spud	TD 5697			P.QW										
1990						(	CI2-	<u>1593.</u>				ABI			
1993						, , , , , , , , , , , , , , , , , , ,		ناه تاجيني باليول		Pan					
1						ı	INISIC	MININ	<u> </u>						
						JIL,	UAO (	T CADIE AND	<u> </u>			-			
	I	1	l	1	1	1	1		1		1	1.			

9 5/8" cc @ 504' w/cement to surface 5 ½" cc @ 5691' w/700 sxs

Geologic Markers: See well file